3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

Jack Jon 1234 Ha M/S 12	es ppy Valle	ey Road
Sunshine	9	C A 90501
	Analyst:	JAR (signature)
Laboratory	manager: _	(signature)

# **Bulk Asbestos Analysis**

# Report

# PLM

Person to contact:	Bill Smith		
Contact phone:	(803) 555-0501		
FAX phone:	(803) 555-0505		
Sampled by:	Jack Jones		
Sampled on:	00/00/00		
Analyzed on:	April 20, 2006	at:11:25	
Corresponding invoice	e number: 152078		
Purchase Order Number: A-100-2			

Lab Sample Number	Client Sample Number and Description	Asbestos detected?	Fibers present	Remarks
L152078-1	1	Yes	5% Chrysotile* < 1% Nylon	Red homogeneous fibrous gasket. Balance of sample is carbonate, perlite and unspecified non-fibrous material
L152078-2		N.D	< 1% Hair	Green plastic counter material. Balance of sample is polymer and unspecified non-fibrous material.

\* Chrysotile, Amosite, Crocidolite, Tremolite, Actinolite, and Anthophyllite are asbestos fibers. N.D.=None Detected PC =Point Counted



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MACS Lab, Inc. 3137 Diablo Ave Hayward, CA 94545-270	01		Bulk Asbes	tos Analysis
510-786-9751			QA Report	
Jack Jones 1234 Happy Valley Road M/S 12 Sunshine	C A 9050	)1	PLM	
_		Laboratory	manager:	Jame & Kelender (signature)
Lab Sample Client Sample Number Number and Description	Asbestos detected?	Fibers present	Remarks	
Blank sample	N.D.	No fibers		
	PC*			
L152078-2	N.D	1 % Hair		

End of report.

\* Chrysotile, Amosite, Crocidolite, Tremolite, Actinolite, and Anthophyllite are asbestos fibers. N.D.=None Detected PC =Point Counted



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3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

## Airborne Fiber Analysis NIOSH 7400 A Report

Jack Jones 1234 Happy Valley Road M/S 12 Sunshine Purchase Order Number: A-1	C A 90501 00-2	Co FA Re	erson to contact ontact phone: X phone: eport prepared rresponding invo	(803) 555 (803) 555 on: Decembe	-0505	at: 10:41
Job Number: A100-93-0 Analyst: JAR (signature) Job Description: North Side 124 First St	Li	aboratory 95123	manager: 🚽	<mark>Jubay</mark> (si	gnature)	
Sample Numbers	Client Sample Description		LPM Time Avg (Min)	Fibers per cc	95% UCL	LOQ f/cc
Lab: C11660-1 Client: P-1	Removing pipe lagging floor	յ on 3rd	2.0 115 Chris O. Ti		153-3	0.021 3-8871
Date sampled: 12/13/93	Received OK	Accepted	Fields Count	ed: 150 F	ibers Counte	d: 0
Lab: C11660-2 Client: P-2	Removing pipe lagging floor	j on 3rd	2.0 115 Chris O. Ti	< 0.012 le	< 0.022 153-3	0.021 3-8871
Date sampled: 12/13/93	Received OK	Accepted	Fields Count	ed: 100 F	ibers Counte	d: 1
Lab: C11660-3 Client: P-3	Clean up		Chris O. Ti			3-8871
Date sampled: 12/13/93	Received OK				ibers Counte	
Lab: C11660-4 Client: P-4	Removing pipe lagging floor	) on 3rd	2.1 150 Amos Ite	0.112	0.138 122-7	0.016 5-9998
Date sampled: 12/13/93	Received OK	Accepted	Fields Counter	ed: 100 F	ibers Counte	d: 72
Lab: C11660-5 Client: P-5	Clean-up		2.0 120 Amos Ite	Overloade		5-9998
Date sampled: 12/13/93	Received OK	Accepted	Fields Count	ed: 100 F	ibers Counte	d: 18

End of report.

This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the items tested. Samples will be destroyed after one month. MACS Lab, Inc. is a PAT participating laboratory and is proficient. Laboratory number 11172. UCL (Upper Confidence Limit) is calculated using coefficient of variation from Busch, Leidel, Hornung, & Smith (1977). Samples analyzed by NIOSH 582 trained personnel. LOQ is reported for client convenience. Method 7400 requires the report of results in f/ml. It is customary in the Asbestos Industry to report the results in f/cc. One cc (cubic centimeter) is essentially equal to 1 ml (milliliter). Per Method 7400 the LOD is 5.5 fibers/100 fields. This report shows the actual number of fibers counted, however, the calculation of the results uses the LOD (5.5 fibers in 100 fields). Therefore, if you re-calculate the results keep this in mind.

3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

			PLM 40	0 Point Count
Jack Jones 1234 Happy Valley Road M/S 12 Sunshine	C A 905		Person to conta Contact phone: FAX phone: Sampled by:	(803) 555-0501 (803) 555-0505 Bill Smith
Analyst:	Unbey ignature)		Sampled on: Analyzed on: Corresponding in	July 11, 2008 at: 11:17 voice number: 179062
Laboratory manager:	(signature) t, Watso		Purchase Order Job Number: S	Number: A-100-2 12345
Lab Sample Client Sample Number Number and Description	Asbestos detected?	Fibers present	t Ren	narks
LF179062-1 1	Yes	5.25% Chrysotil	e* White	e joint compound. 400 point count.
Joint tape compound from manager's office on 2nd floor	PC*			
LF179062-2 2	Yes	0.50% Chrysotil		ogeneous non-fibrous insulation
Powdered insulation material on the floor in electrical room.	PC*		mate	nai.

**Bulk Asbestos Analysis** 

Report

\* Chrysotile, Amosite, Crocidolite, Tremolite, Actinolite, and Anthophyllite are asbestos fibers. N.D.=None Detected PC =Point Counted



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3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

# **Bulk Asbestos Analysis**

Report

PLM 1000 Point Count

Jack Jones 1234 Happy Valley Road M/S 12		Person to contact Contact phone:	(803) 555-0501	
Sunshine	CA 90501	FAX phone: Sampled by:	(803) 555-0505 Bill Smith	
Analyst:	signature)	Sampled on: Analyzed on: Corresponding invo Purchase Order N		at:14:10
_Laboratory manager:	(signature) et, Watsonville, CA 9	Job Number:	12345	
Lab Sample Client Sample Number Number and Description	Asbestos detected? Fibers pre	esent Rema	ırks	
LK179057-1 1	Yes 0.80% Chry	ysotile* Off-whi	te acoustic spray materia	.l.
Acoustical spray on material	PC*			
LK179057-2 2	Yes 0.20% Chry	ysotile* Off-whi	te stucco material.	
Exterior stucco on building	PC*			

\* Chrysotile, Amosite, Crocidolite, Tremolite, Actinolite, and Anthophyllite are asbestos fibers. N.D.=None Detected PC =Point Counted



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431 Crown Point Cir Ste 120 Grass Valley, CA 95945-9531

#### 530-274-1470 or 1-800-MACS LAB

Jack Jones 1234 Happy Valley Road M/S 12 Sunshine

CA 90501

harles

Laboratory manager:

Job Description: Air quality inspection

# **TEM Airborne Asbestos Analysis**

# Report

# Yamate Level II

Person to contact: Bill Smith

Contact phone: (803) 555-0501

emailed

Report prepared on: August 9, 2012 Corresponding invoice number: 227797 P.O. Num: A-100-2 Job Number: 20-928

**Summary Report** 

Lab #	Cust. Sample #	Volume in liters	# Asb. Struct.	Asbestos Concer Struct/mm 2 Stru		Analytical Sensitivity:
Y227797-1	A-100	1300	5	87.9	0.026	17.6 Structures per mm <sup>2</sup> or 0.005 structures per cc

Chrysotile, Amosite

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MACS Lab, Inc. 431 Crown Point Cir Ste 12 Grass Valley, CA 95945-953	-	TEM Aiı	rborne Asbesto	os Analysis
530-274-1470 or 1-800-MACS L	AB	Report		
Jack Jones 1234 Happy Valley Road M/S 12 Sunshine C/	A 90501		contact: Bill Smith hone: (803) 555-0	501 emailed
Analyst:	Jandan ature)	Correspond	ding invoice number:	227797
Laboratory manager:	nature)	P.O. NI	ım: A-100-2	
Job: Job Number: 20-928 Job Description: Air quality inspectio	on	Report prep	pared on: August 9, 20	012 at: 08:34
Sample:				
	27797-1	Client Samp	le Number: A	-100
Client Sample Description: Final air Received OK: Yes Accepted for analy	clearance in kitch vsis: Yes Date	en sampled: 02/14	4/2012	
Analysis Results:				
Asbestiforms: Type of Asbes	stos: <u>Structure</u>	Calculated	Structure Concen	tration
Charactile	<u>count</u>	per mm2 filter	all sizes per cc	$\geq 5 \mu m \text{ per cc}$
Chrysotile Amosite	4	70.3 17.6	0.021 0.005	0.016 0.005
Total asbes	tos 5	87.9	0.026	0.021
	Stru	cture		
Non-Asbestiforms: Materia		ount		
Gypsi		8		
Remarks: This is a sample repo				
TEM magnification: 18,900 X	Air Pump: Ela	-		n client data sheet)
Area analyzed: 0.057 mm <sup>2</sup>		erage flow rate:	10.0 liters/minute 1300 liters	(from client data sheet)
Analytical Sensitivity: 17.6 structures per mm <sup>2</sup> or 0.005 structures per cc	58	imple volume:	Filter: Mixed Cellu	lose Esters, mm, area 385 mm <sup>2</sup>

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MACS Lab, Inc. 3137 Diablo Ave Hayward, CA 94545-2 510-786-9751	701	EPA 60	os in Wa 0/R-94/13 thod 100		Μ
510-760-9751		<b>D</b>			
Jack Jones		Person to contact:	Bill Smith		
1234 Happy Valley Road		Contact phone:	(803) 555-0	)501	
M/S 12		FAX phone:	(803) 555-0	)505	
Sunshine	CA 90501				
Purchase Order Number: \$4	50.00	Corresponding invoid	ce number:	10689	
<u>Job:</u> Job Number: 93076-94 -	custody from the party t requirements of drinking	r or may not be a drinking wa hat sampled the water. The g water if the sample contain on limit is >0.2 mf/l this analy	e detection limit ns large amoun	may not meet th ts of particulates	ne S.
Job Description: Westlake Sem	niconductor Plant IHQ	Corporation, 210 Lal		-	2387
MACS Lab Sample Number:	H10689-1	Client Sample Numb	er:	·101	
Client Sample Description: Wat	er in phase 1 tank				
Filter type and size: MCE $0.2\mu$ m p		time sampled (from client	, .	4, 1993 at 09:	31
Filter Diameter = 25 mm Filter Filter Manufacturer: Millipore	er lot no.: 12345	Sampled by		4 4000 -1 40.	
Received OK: Yes Accepted for a	analysis: Yes	Sample received Sample ozonated	•		
		Sample filtered on			
<u>Analysis Results:</u>		•	•	9, 1993 at 19:	
Type of A	sbestos: million fibers/lit	ter			
Chrysoti	e 0.584	4			
Amosite	0.779	2			
Tremolite	e 0.974	0			
Anthoph	yllite <b>0.194</b>	8			
Total as	bestos <b>2.532</b>	5 Detection	limit, mf/l	0.200	
TEM magnification: 10,000 X	Approximate volume of sa	ample received: 5	00 milliliters	2	
Grid area analyzed: 0.077 mm <sup>2</sup>	Fiber Concentration in W Million Fibers per Lit	$rater in = \frac{\text{fibers/mm}^2 X}{2}$		<sup>2</sup> ) X 0.000001	
Grids counted: 7			filtered in L Blank Vol. filte	ered: 100.0	m
Sonication time: 10 min Filter area: 225 mm <sup>2</sup>			Blank concent		
Total fibers counted: 13	95% confidence inter	val: 1.35 to 4.33 mf/l			
Volume filtered: 15.0 ml					

Microscopist: (signature)

است (// Laboratory manager:

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Page 1

3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

## Asbestos in Water by TEM EPA 600/R-94/134 aka Method 100.2 Report

- 1	~	h	
. I	()	C)	
v	v	~	

93076-94 Job Number:

Note: This sample may or may not be a drinking water sample. Please see the chain of custody from the party that sampled the water. The detection limit may not meet the requirements of drinking water if the sample contains large amounts of particulates. Therefore if the Detection limit is >0.2 mf/l this analysis is NOT valid for drinking water.

Date and time sampled (from client): September 4, 1993 at 09:35

Sample received: September 4, 1993 at 19:14

Sample ozonated: September 6, 1993 at 13:45 Sample filtered on: September 6, 1993 at 15:27

Sampled by:

Job Description:	Westlake Se	miconductor Plan	nt IHQ Corporation, 210 Lake A	ve, San José, CA	92387
Sample: MACS Lab Sam	ple Number:	H10689-2	Client Sample Number:	T-102	
	· I		· · -		

Client Sample Description: Water in phase 2 tank

Filter type and size: MCE  $0.2\mu$ m pore size Filter Diameter = 25 mm Filter lot no.: 12345 Filter Manufacturer: Millipore Received OK: Yes Accepted for analysis: Yes

15.0 ml

# Analysis Results:

Volume filtered:

Analyzed on: September 9, 1993 at 19:21 Type of Asbestos: million fibers/liter < 0.1948 Total asbestos Detection limit, mf/l 0.200 Remarks: This sample shows biological activity however, Mrs. Powell ordered that it be analyzed. Approximate volume of sample received: 500 milliliters TEM magnification: 10.000 X fibers/mm<sup>2</sup> X filter area (mm Fiber Concentration in Water in 0.077 mm<sup>2</sup> Grid area analyzed: X 0.000001 Million Fibers per Liter sample volume filtered in L Grids counted: 7 fibers/mm<sup>2</sup> = total fibers / grid area analyzed Blank Vol. filtered: 100.0 ml Sonication time: 10 min Blank concentration: < 0.029 mf/l  $225 \text{ mm}^2$ Filter area: 95% confidence interval: 0.0 to 0.719 mf/l Total fibers counted: 0

Microscopist: (signature)

Laboratory manager

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3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

## Asbestos in Water by TEM EPA 600/R-94/134 aka Method 100.2 Report

0 200

1	~	h	•	
<u>U</u>	<u>U</u>	D	•	

93076-94 Job Number:

Note: This sample may or may not be a drinking water sample. Please see the chain of custody from the party that sampled the water. The detection limit may not meet the requirements of drinking water if the sample contains large amounts of particulates. Therefore if the Detection limit is >0.2 mf/l this analysis is NOT valid for drinking water.

	stlake Semiconductor Pla	Int IHQ Corporation, 210 Lake A	۹ve, San José, CA ۹	92387
<u>Sample:</u>			_	
MACS Lab Sample	Number: H10689-3	Client Sample Number:	T-103	

**Client Sample Description:** Water in discharge tank

Type of Asbestos:

Total asbestos

Chrysotile

Filter type and size: MCE 0.2µm pore size Filter Diameter = 25 mm Filter lot no.: 12 Filter Manufacturer: Millipore Received OK: Yes Accepted for analysis:

# Analysis Results:

Date and time	sampled (from client):September	4, 1996	at 1	0:02
345	Sampled by:			
	Sample received: September	4, 1993	at 1	9:14
Yes	Sample ozonated: September	6, 1993	at 1	3:59
	Sample filtered on: September	3, 1993	at 1	6:10
	Analyzed on: September	9, 1993	at 1	9:21
million fibers/liter				
11.1039				
11.1039	Detection limit mf/l	0.20	າດ	

TEM magnification: Grid area analyzed: Grids counted:	10,000 X 0.077 mm <sup>2</sup> 7	Approximate volume of sample received:500 millilitersFiber Concentration in Water in Million Fibers per Literfibers/mm $^2$ X filter area (mm $^2$ ) sample volume filtered in LX 0.000001
Sonication time:	10 min	fibers/mm <sup>2</sup> = total fibers / grid area analyzed Blank Vol. filtered: 100.0 ml
Filter area:	225 mm <sup>2</sup>	Blank concentration: <pre>&lt; 0.029 mf/l</pre>
Total fibers counted:	57	95% confidence interval: 8.41 to 14.4 mf/l
Volume filtered:	15.0 ml	

End of report.

Microscopist:

(signature)

Laboratory manager:

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3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

Jack Jones 1234 Happy Valley Road M/S 12 Sunshine	CA 90501	Person to contact: Contact phone: FAX phone: Sampled by:	(803) 555-0501 (803) 555-0505 Bill Smith
Laboratory manager:	gnature)	Sampled on: Analyzed on: Corresponding invoid Purchase Order Nu Job Number:	
Job Description: 12345 Main St. Wa Lab Sample Client Sample Number Number and Description	Asbestos detected? Fibers preser	nt Remar	ks
B179063-1 1	Yes 2.00% Chrysot	ile* Multilaye	er roofing multilayer roofing
KellcoMacs - 1	0.50% Tremoli	te*	
Nonfriat	le		
B179063-2 2	0.50% Tremoli	te* Tile	
KellcoMacs - 2			

Nonfriable

\* Chrysotile, Amosite, Crocidolite, Tremolite, Actinolite, and Anthophyllite are asbestos fibers. N.D.=None Detected PC =Point Counted

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# **Bulk Asbestos Analysis**

Report

# 

Person to contact:	Bill Smith				
Contact phone:	(803) 555-0501				
FAX phone:	(803) 555-0505				
Sampled by:	Bill Smith				
Sampled on:	July 9, 2008				
Analyzed on:	July 11, 2008	at:09:44			
Corresponding invoice number: 179063					
Purchase Order Number: A-100-2					
Job Number:	12345				

MACS Lab, Inc. 3137 Diablo Ave

Hayward, CA 94545-2701

510-786-9751

# Analysis Report Airborne Lead NIOSH 7082

				F	Perso	n to co	ontact	: Bill Smith		
Jack Jone	s			C	Conta	ct pho	ne:	(803) 555-0	501	
	py Valley Road			F	AX p	hone:		(803) 555-0	505	
M/S 12	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			S	Sampl	es rec	eived	on: April 24, 1	993	
Sunshine	C	A 90501		S	Sampl	es ana	alyzed	l on: January 24	4, 1994	at:10:16
				F	Repor	t print	ed on:	January 24	4, 1994	at: 10:16
A	Jim Richards nalyst:	And			•	•		voice number:	12146	
	Tara Dubey							<u>.</u>		
-		ubey_			Purc	hase (	Order	Number: A-	100-2	
Laboratory n		nature			Job I	Numbe	er:	93-098-1		
Job Description	on: Happydale Sanitariur	m, Happydal	e, Ne	w Yo	ork					
		1		ا م			<b>-</b> :	Described 1		Lood
Lab Sample Number	Client Sample Number and Description	Sampled on	t Calib #			LPM Avg		Reporting Limit	µg on filter	Lead µg/m <sup>3</sup>
Q12146-1	100-1		0	$\checkmark$	$\checkmark$	2.5	362	0µg/m <sup>3</sup>	< 0.06	< 0.07
	Jack Smith, Personal									
Q12146-2	100-2		0	$\checkmark$	$\checkmark$	2.4	120	$0\mu$ g/m <sup>3</sup>	4.00	13.89
	Inside Work Area									
Q12146-3	100-2		0	$\checkmark$	$\checkmark$	2.5	120	$0\mu$ g/m $^3$	< 0.04	< 0.14
	Outside Work Area									

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3137 Diablo Ave Hayward, CA 94545-2701

	Calibrati	on # AA-0			
Element Lead	Matrix:	Met	hod Detection	n Limit 0.	25 <i>µ</i> g/ml
Date of Analysis February 22,	1994	Analyst JAR			
	Meas	sured Value	Target Value	Accepta	nce Criterion
Standard value	1.0 μg/ml	1.00000 units	N/A	, 1000pt0	
Standard value	1.0 μg/ml	1.00000 units	N/A		
Standard value	1.0 μg/ml	1.00000 units	N/A		
Standard value	1.0 μg/ml	1.00000 units	N/A		
Standard value	1.0 μg/ml	1.00000 units	N/A		
	Slope	µg/ml/un	it N/A		
	Intercept	μg/ml	N/A		
Correlation	coefficient		1	≥ 0.9950	0 Not Acceptable
0.25 μg/ml	Reference	µg/ml	0.25	≥0.06	Acceptable
Glassware	rinse water	µg/ml	0		
1st N	latrix Blank	µg/ml	0	≤ 0.25	Acceptable
Method Blank	Beginning	μg	0	≤ 20.0	Acceptable
CCV	Beginning	µg/ml	0.0000	± 10.0%	Acceptable
ICV	Beginning	µg/ml	0.0000	± 10.0%	Acceptable
LCS Befor	e sample 1	µg/ml	0.0000	± 10.0%	Acceptable
CCV Before	sample 11	µg/ml	0.0000	± 10.0%	Acceptable
CCB Before	sample 11	µg/ml	0	≤ 0.25	Acceptable
Method Blank Before	sample 11	μg	0	≤ 20.0	Acceptable
CCV Before	sample 21	µg/ml	0.0000	± 10.0%	Acceptable
CCB Before	sample 21	µg/ml	0	≤ 0.25	Acceptable
	latrix Blank	N/A µg/ml	0	≤ 0.25	
Method Blank Before	sample 21	μg	0	≤ 20.0	Acceptable
CCV Before	sample 31	µg/ml	0.0000	± 10.0%	Acceptable
CCB Before	•	µg/ml	0	≤ 0.25	Acceptable
Method Blank Before	sample 31	μg	0	≤ 20.0	Acceptable
	CCV After	µg/ml	0.0000		Acceptable
	CCB After	µg/ml	0	≤ 0.25	Acceptable
Method	Blank After	μg	0	≤ 20.0	Acceptable
	LCS After	µg/ml	0.0000		Acceptable
	RLVS	N/A μg/ml	0.0000	± 99.0%	)
(LCS) Matrix Sp	ike for 1-20	$\mu$ g/ml		± 25.0%	Acceptable
(LCS) Matrix Spike Duplica		μg/ml		± 25.0%	Acceptable
(LCS) Matrix Spil	ke for 21-40	N/A µg/ml		± 25.0%	5
(LCS) Matrix Spike Duplica	te for 21-40	N/A µg/ml		± 25.0%	5

Note:

MDL= Minimum Detection Limit of the

method (absolute)

ICV= Initial Calibration Verification

CCB= Continuing Calibration Blank

N/A = Not Applicable

SRM-1579

**RLVS=Reporting Limit Verification** Sample

Page 2 of 3

Air samples are spiked MCE filters using a liquid or solid of known analyte concentration. Dust (or Wipe) samples are spiked with a solid powdered paint (such as SRM-1579) of known analyte CCV= Continuing Calibration Verification concentration added to a towelette. The spiked samples are taken through the entire preparation process. There is a duplicate spike sample prepared exactly as the original spike. The Method Blank contains all the reagents and the matrix. The blank is carried through all LCS= Laboratory Control Sample - NIST steps of the analysis starting with the digestion step. This blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves.

MACS Lab, Inc.	AA Analysis Data Report
3137 Diablo Ave	NOTICE:
Hayward, CA 94545-2701	Instrument reading is in absorbance units For solids (paint and soil):
510-786-9751	Weight is in grams Paint area (if present) is in sq cm
	For air:
	LPM= Liters per minute supplied by client
	Minutes = duration of sample
Client:	$m^3$ (on report) means cubic meter
Jack Jones	For wipe:
	Area = Wipe area supplied by client in sq ft
Submission ID Number: 12146	ft <sup>2</sup> (on report) means square foot
	Lead laboratory manager
Samples received on: April 24, 1993	or designee: (signature)

Samples analyzed on: January 24, 1994

I verify that I have checked the records and the data entered here is accurate and matches the written records.

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	2.5000	15	0.00000	362
2	2.4000	10	24.00000	120
3	2.5000	10	0.00000	120

at: 10:16

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of  $\mu$ g of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result is slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

510-786-9751

# Analysis Report Lead in Paint USEPA 7000/7420

		_	Pers	on to	o contact:	Bill Smith		
Jack Jones			Cont	tact	phone:	(803) 555	-0501	
	py Valley Road		FAX	pho	ne:	(803) 555	-0505	
M/S 12	., ,		Sam	ples	received of	on: Noveml	oer 18, 1998	
Sunshine	CA 90501		Sam	ples	analyzed	on: Septem	ber 9, 1999	at: 10:43
			Rep	ort p	rinted on:	Septem	ber 9, 1999	at: 10:43
	Jim Richards		C	orroc	nonding inv	oice numbe	r: 70777	
Laboratory m	nalyst:	t for a n			se Order N	lumber:	A-100-2	
Lab Sample Number	Client Sample Number and Description	Calib #			Report'g Limit ppm	%	Lead ppm	mg/cm <sup>2</sup>
P70777-1	100	1435	$\checkmark$	$\checkmark$	540	5.64	56,400	N/A
	Paint on living room wall				_	-	.,	
P70777-2	110	1435	$\checkmark$	$\checkmark$		INF.0		0.101
	Example of a XRF confirm paint		_	_				



Page 1 of 3

This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. For QC data refer to Calibration Number QA Report. MACS Lab is accredited by the American Industrial Hygiene Association (AIHA) for the analysis of lead in paint and soil (laboratory ID #11172). Some paint samples submitted contain substrate material that can't be removed from the paint layer. This may cause erroneous results. Proper field sampling techniques must be used. Analysis is performed on a flame Atomic Absorption Spectrometer. PPM= parts per million & 10,000 ppm = 1% Note: 1 mg/kg = 1 ppm NOTICE: FOR XRF Confirmation: When the actual sampled area is provided to the laboratory, the results can be calculated in mg/cm2 exactly like an XRF instrument result. Otherwise NO XRF comparison can ever be made because the lab analyzes only a portion of a normal sample and the area of a scrape can't be known after the fact. Without the area N/A is reported. Results are not blank corrected.

3137 Diablo Ave

**Quality Control Report** 

Hayward, CA 94545-2701	

		Calibra	ation # A	A-1435				
Element Lead	d	Matrix	c: Paint	Meth	od Detectio	n Lii	mit 0.0	8 µg/ml
Date of Analysis Aug	ust 29, 19	95	Anal	yst MPD				
		Me	easured V	alue Ta	arget Value	А	cceptar	nce Criterion
Stand	ard value	0.0 μg/ml		00 units	N/A			
	ard value	1.0 μg/ml		66 units	N/A			
	ard value	2.0 μg/ml		50 units	N/A			
	ard value	5.0 μg/ml		38 units	N/A			
Stand	ard value		0.145	58 units	N/A			
		Slope	68.4686	δ µg/ml/unit	N/A			
		Intercept	-0.030	481 µg/ml	N/A			
	Correlation	coefficient	0.9998	325	1	≥	0.99500	Acceptable
	0.25 <i>µ</i> g/ml	Reference	0.264	µg/ml	0.25	≥0	0.06	Acceptable
	Glassware	rinse water	< 0.081	µg/ml	0			
	1st M	atrix Blank	< 0.081	µg/ml	0	≤	0.25	Acceptable
Me	thod Blank	Beginning	-1.866	μg	0	≤	20.0	Acceptable
	CCV	Beginning	5.043	µg/ml	5.0000	±	10.0%	Acceptable
	ICV	Beginning	5.132	µg/ml	5.1000	±	10.0%	Acceptable
	LCS Before	e sample 1	6.111	µg/ml	6.3333	±	10.0%	Acceptable
C	CV Before	sample 11	5.043	µg/ml	5.0000	±	10.0%	Acceptable
	CB Before		< 0.081	µg/ml	0	≤	0.25	Acceptable
Method Bl	ank Before	sample 11	-0.497	μg	0	≤	20.0	Acceptable
C	CV Before	sample 21	5.064	µg/ml	5.0000	±		Acceptable
C	CB Before	sample 21	< 0.081	µg/ml	0	≤	0.25	Acceptable
	2nd M	atrix Blank	N/A	µg/ml	0	≤	0.25	
Method Bl	ank Before	sample 21	-1.866	μg	0		20.0	Acceptable
	CV Before	•	5.016		5.0000			Acceptable
	CB Before		< 0.081		0		0.25	Acceptable
Method Bl	ank Before	-	0.530		0		20.0	Acceptable
		CCV After	5.043		5.0000		10.0%	Acceptable
		CCB After	< 0.081		0		0.25	Acceptable
		Blank After	-2.551		0		20.0	Acceptable
		LCS After	6.228		6.3333			Acceptable
		RLVS	N/A	µg/ml		±	99.0%	
Spike of sample	28755 -	1	2196.3	μg	2000.0	±	25.0%	Acceptable
Spike of sample	28755 -	3	2203.1	μg	2000.0	±	25.0%	Acceptable
Spiked Duplicate	28755 -	1	2265.6	μg	2000.0			Acceptable
Spiked Duplicate	28755 -	3	1965.7		2000.0			Acceptable
Duplicate of sample	28755	1	1948	ppm	1593			Acceptable
Duplicate of sample	28755 -	3	43104	ppm	49076	±	25.0%	Acceptable
Noto:								

#### Note:

MDL= Minimum Detection Limit of the method (absolute)

ICV= Initial Calibration Verification

CCB= Continuing Calibration Blank

N/A = Not Applicable

LCS= Laboratory Control Sample - NIST SRM-1579

**RLVS=Reporting Limit Verification** Sample

Page 2 of 3

Duplicate analyses are measurements of the variable of interest (in this case lead) performed identically on two subsamples of the same sample. The results from duplicate analyses are used to evaluate analytical or measurement precision but not the precision of sampling. Spiked CCV= Continuing Calibration Verification samples are prepared by adding a known mass of the target analyte (in this case lead) to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. Spiked samples are used to determine the effect of the matrix on a method's recovery efficiency. The Method Blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. NEVER depend upon the laboratory to "fix-up" a poorly taken sample.

MACS Lab, Inc. 3137 Diablo Ave	AA Analysis Data Report					
Hayward, CA 94545-2701	Instrument reading is in absorbance units					
510-786-9751	For solids (paint and soil): Weight is in grams Paint area (if present) is in sq cm					
Olioate	For air: LPM= Liters per minute supplied by client Minutes = duration of sample					
Client:	m <sup>3</sup> (on report) means cubic meter					
Jack Jones	For wipe:					
Submission ID Number: 70777	Area = Wipe area supplied by client in sq ft ft <sup>2</sup> (on report) means square foot					
Samples received on: November 18, 1998	Lead laboratory manager or designee:					
_ Samples analyzed on: September 9, 1999	at: 10:43 I verify that I have checked the records and the data entered here is accurate and matches the written records.					
Sample # Weight I PM or area Solu	ition vol ml Instr. reading Paint area or minutes					

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	0.0753	500	0.12450	0
2	0.0000	500	0.07450	25

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of  $\mu$ g of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result is slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

MACS Lab, Inc. 3137 Diablo Ave Hayward, CA 94545-2701	Analysis Report Drinking Water by Standard Methods 3113 B
510-786-9751	
Jack Jones 1234 Happy Valley Road M/S 12 Sunshine C A 90501	Person to contact: Bill Smith Contact phone: (803) 555-0501 FAX phone: (803) 555-0505 Samples received on: February 2, 1999 Report prepared on: February 2, 1999 at: 11:00
Laboratory manager:	Corresponding invoice number: 72745 Purchase Order Number: A-100-2 Job Number: 13MWZ Ny Plant #1
Lab Sample Number: D72745-1 Client Sample Number: WW-1 Client Sample Description: Water from well No. 2	Received OK Accepted for analysis
Preserved on: 02/01/99 at: 11:10 by client C	olume received by lab: 1000ml Container: Polypropylene Turbidity: 0.14 NTU Temperature when received: 4 °C ibration # MSA PLQ* Element Concentration*
02/01/99 at: 18:25 GF-	190 No 4.0 μg/l Cu 29.0 μg/l

\* 1  $\mu$ g/l is essentially equal to 1 part per billion (PPB) This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. For Quality Control data refer to the Calibration Number QA Report for each sample and each analyte. MACS Lab is accredited by the State of California Department of Health for the analysis of lead in drinking water and is Lab #2027. Analysis is performed by EPA approved method 3113B "Standard Methods for the Examination of Water and Wastewater 1992 18th Edition", published by the American Public Health Association. MSA field indicates whether the sample was analyzed by the Method of Standard Additions. MDL = Method Detection Limit. The Federal standard for lead in drinking water is no greater than 15  $\mu$ g/l.

Calibration # GF-190										
Element Lead				Matrix: Drinking Water						
Analyst JAR		Practica	al Limit of Quan	tification 4.00 $\mu$ g/l						
		N	lethod Detection	on Limit 1.20 $\mu$ g/l						
		Measured Value	Target Value	Acceptance Criterion						
Correla	ation coefficient	0.995048	1.000000	≥0.99500 Acceptable						
Glassw	are rinse water	< 4.0 $\mu$ g/l								
LC	S at beginning	21.9 <i>µ</i> g/l	20.5	± 30.0% Acceptable						
	LCS at end	21.6 <i>µ</i> g/l	20.5	± 30.0% Acceptable						
C	B at beginning	<4.0 µg/l	0.0	≤ 4.00 Acceptable						
IP	C at beginning	10.7 <i>µ</i> g/l	10.0	± 20.0% Acceptable						
LFM of sample 72	A	17.4 <i>µ</i> g/l	16.9	± 50.0% Acceptable						
	В	16.5 <i>µ</i> g/l	16.9	± 50.0% Acceptable						
CB	at beginning	<4.0 µg/l	0.0	≤ 4.00 Acceptable						
IPC	at beginning	10.4 <i>µ</i> g/l	10.0	± 20.0% Acceptable						
LRB	at beginning	<4.0 µg/l	0.0	≤ 8.80 Acceptable						
LFB	at beginning	5.0 <i>µ</i> g/l	5.0	± 25.0% Acceptable						
End of QC report.										

Note:

- LCS= Laboratory Control Sample NIST SRM 1643d (Standard Reference Material)
- CB = Calibration Blank
- IPC = Instrument Performance Check
- LFB= Laboratory Fortified Blank
- LRB= Laboratory Reagent Blank
- LFM= Laboratory Fortified Matrix
- N/A = Not Applicable
- NIST = National Institute of Standards and Technology
- NTU= Nephelometric Turbidity Units Page 2 of 2

This analytical method is approved by the US EPA. The method title is "Electrothermal Atomic Absorption Spectrometric Method"; Method 3113B as published in the 18th edition of "Standard Methods for the Examination of Water and Wastewater," 1992 prepared and published by the American Public Health Association. Laboratory Fortified Matrix samples are prepared by adding a known mass of the analyte (spike) to a specified amount of sample for which an independent estimate of analyte concentration was made. These samples are used to determine the effect of the matrix on a method's recovery efficiency. The Method Blank is a mixture of all reagents used for the digestion of the sample but without the sample matrix. This blank evaluates the process for contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1643d sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. This Quality Control Report is a part of the Analysis Report and should be included with the Analysis Report.

3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

# Analysis Report Lead in Dust NIOSH 9100 and NIOSH 7082

_		Pe	rson	to co	ntact: Bill Sr	nith	
Jack Jones 1234 Happ M/S 12 Sunshine	by Valley Road C A 90501 Jim Richards	Co FA Sa Sa Re	ontact X ph mple mple port	phor one: s rece s ana printe	ne: (803) (803) eived on: Sep lyzed on: Sep	555-0501 555-0505 otember 23, 19 otember 23, 19 otember 23, 19	994 at:16:59 994 at:16:59
Laboratory ma	alyst:				rder Number	A 400 0	
Lab Sample Number	Client Sample Number and Description	Calib #	Rcvd OK	Ac- cptd	Reporting Limit	Sample area ft <sup>2</sup>	Lead µg/ft <sup>2</sup>
W18201-1	100	720	$\checkmark$	V	13 <sub>μg/ft</sub>	<sup>2</sup> 1.00	< 12.5
	Floor in the lobby						
W18201-2	200 Window ledge in the lobby	720		$\checkmark$	13 <sub>µg/ft</sub>	<sup>2</sup> 1.00	339

 This report may not be reproduced except in full and with the permission of MACS Lab, Inc. This report relates only to the item(s) tested. Wipe material not meeting ASTM E1792 specifications are not recognized by the AIHA Lab Accreditation Program. MACS Lab is accredited by the American Industrial Hygiene Association (AIHA) for the analysis of lead in dust (laboratory ID#11172). Samples are consumed in the analysis. Analysis is performed on a flame AA Spectrometer. For Quality Control data refer to Calibration Number QA Report. NIOSH 7082 is the analytical method used. Samples are digested in Nitric Acid and Hydrogen peroxide. Wipe area is from client chain of custody and collection technique is that of client. Results are not blank corrected.

3137 Diablo Ave Hayward, CA 94545-2701

		Calibra	ation # A	A-720	)				
Element Lead		Matrix	c: Dust	Me	thoc	d Detectior	n Lir	nit 0.2	5 µg/ml
Date of Analysis Septe	mber 23,	1994	Anal	yst CKE					
		Me	easured V	alue	Tarc	get Value	A	cceptar	ce Criterion
Standa	rd value C	).0 µg/ml		00 units		N/A			
Standar		.0 µg/ml		00 units		N/A			
Standar		2.0 µg/ml	<<<<<	< units	Ν	N/A			
Standar		5.0 μg/ml	<<<<<	< units	Ν	N/A			
Standa	rd value 10		<<<<<	< units	١	N/A			
		Slope	0.1302	µg/ml/u	nit N	N/A			
		Intercept		333 μg/m		N/A			
C	orrelation c	oefficient	0.9975	592	1	l	≥ (	0.99500	Acceptable
0.	25 µg/ml R	eference	0.266	µg/ml	C	).25	≥0	.06	Acceptable
G	ilassware rii	nse water	< 0.250	µg/ml	C	)			
	1st Ma	trix Blank	< 0.250	µg/ml	C	)	≤	0.25	Acceptable
Meth	od Blank B	eginning	0.267	μg	C	)	≤	20.0	Acceptable
	CCV B	eginning	5.475	µg/ml		5.0000	±	10.0%	Acceptable
	ICV B	eginning	5.475	µg/ml		5.0000	±	10.0%	Acceptable
L	CS Before s	sample 1	1.829	µg/ml		1.7147	±	10.0%	Acceptable
CC	V Before sa	ample 11	N/A	µg/ml		5.0000	±	10.0%	
CC	B Before sa	ample 11	N/A	µg/ml	C	)	≤	0.25	
Method Blar	nk Before sa	ample 11	N/A	μg	C	)	≤	20.0	
CC	V Before sa	ample 21	N/A	µg/ml		5.0000	±	10.0%	
CC	B Before sa	ample 21	N/A	µg/ml	C	)	≤	0.25	
	2nd Mat	trix Blank	N/A	µg/ml	C	)	≤	0.25	
Method Blar	nk Before sa	ample 21	N/A	μg	C	)	≤	20.0	
CC	V Before sa	ample 31	N/A	µg/ml		5.0000	±	10.0%	
	B Before sa		N/A	µg/ml	C	)	≤	0.25	
Method Blar	nk Before sa	ample 31	N/A	μg	C	)	≤	20.0	
	С	CV After	5.475	µg/ml		5.0000	±	10.0%	Acceptable
	С	CB After	< 0.250	µg/ml	C	)	≤	0.25	Acceptable
	Method Bla	ank After	0.267	μg	C	)		20.0	Acceptable
	L	CS After	1.829	µg/ml		1.7147	±	10.0%	Acceptable
		RLVS	N/A	µg/ml			±	99.0%	
Spike of sample	0 -	0	2219.4	μg		2000.0	±	25.0%	Acceptable
Spike of sample	0 -	0	N/A			0.0		25.0%	
Spiked Duplicate	0 -	0	N/A			0.0	±	25.0%	
Spiked Duplicate	0 -	0	N/A			0.0	±	25.0%	
Duplicate of sample	0	0	N/A	ppm			±	25.0%	
Duplicate of sample	0 -	0	N/A	ppm			±	25.0%	
Note <sup>.</sup>									

#### Note:

MDL= Minimum Detection Limit of the method (absolute)

ICV= Initial Calibration Verification

CCB= Continuing Calibration Blank

N/A = Not Applicable

SRM-1579

**RLVS=Reporting Limit Verification** Sample

Page 2 of 3

Duplicate analyses are measurements of the variable of interest (in this case lead) performed identically on two subsamples of the same sample. The results from duplicate analyses are used to evaluate analytical or measurement precision but not the precision of sampling. Spiked CCV= Continuing Calibration Verification samples are prepared by adding a known mass of the target analyte (in this case lead) to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. Spiked samples are used to determine the effect of the matrix on a LCS= Laboratory Control Sample - NIST method's recovery efficiency. The Method Blank is used to detect contamination from the laboratory. Accuracy is the degree of agreement between an observed value and an accepted reference value such as the LCS NIST SRM-1579 sample. Precision is the degree to which a set of observations or measurements of the same property conform to themselves. NEVER depend upon the laboratory to "fix-up" a poorly taken sample.

MACS Lab, Inc.	AA Analysis Data Report
3137 Diablo Ave	NOTICE:
Hayward, CA 94545-2701	Instrument reading is in absorbance units
	For solids (paint and soil):
510-786-9751	Weight is in grams
	Paint area (if present) is in sq cm
	For air:
	LPM= Liters per minute supplied by client
	Minutes = duration of sample
Client:	m <sup>3</sup> (on report) means cubic meter
Jack Jones	For wipe:
	Area = Wipe area supplied by client in sq ft
Submission ID Number: 18201	ft <sup>2</sup> (on report) means square foot
	Lead laboratory manager
Samples received on: September 23, 1994	or designee:(signature)

I verify that I have checked the records and the data entered here is accurate and matches the written records.

Sample #	Weight, LPM, or area	Solution vol ml	Instr. reading	Paint area or minutes
1	1.0000	50	0.00000	0
2	1.0000	50	52.00000	0

This report shows the data associated with the individual samples. This includes the MACS Lab, Inc. sample number, the sample weight digested, LPM, area wiped, dilution (solution volume), instrument reading in absorbance, paint area, time in minutes. By using the data on this page, and the slope and intercept found on the calibration curve page of this report one can calculate the concentration of analyte in the original sample. Be sure to use the calibration curve data for the sample tested (see sample results page for Calib. Number). In the case of paint and soil matrices multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution and then divide by the weight. The result will be expressed in PPM. In the case of dust samples multiply the slope times the absorbance and add the intercept. Multiply this number by the dilution. This will be the number of  $\mu$ g of lead on the filter. Divide this number by the liters of air used and compute the concentration in cubic meters. A cubic meter contains 1000 liters. Note: in all cases if the concentration calculated by multiplying the slope times the absorbance and adding the intercept is below the MDL (method detection limit) value for that matrix substitute the MDL for the value calculated. This will be the Reporting Limit in PPM. (note: the MDL is shown only to 2 significant figures on this report which will result is slight differences between our and your calculations for this number).

The slope and intercept can be calculated using the absorbance and concentration (see the Quality Control Report) of the standards used in the analysis. This can be done by using linear regression analysis.

Samples analyzed on: September 23, 1994 at: 16:59

3137 Diablo Ave Hayward, CA 94545-2701 510-786-9751

MACS Lab, Inc. DO NOT MAIL

Santa Clara

CA 95054

# Non-Viable Air Mold Analysis

Sampled on: July 23, 2007 Submitted on: July 23, 2007 Analyzed on: August 2, 2007 Reported on: September 14, 2007 SOP: NVA.I Sample Type: Zefon

FAX: (408) 727-7065

Report number: 166301

Person to contact: Mr. Jim Richards Job Description: Quality Air Monitor

# Analysis of Non-Viable Air Samples for Identification of Fungal Mycota

Phone: (408) 727-9727

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MACS Lab, Inc., 3137 Diablo Ave, Hayward, CA 94545-2701, 510-786-9751, FAX: 510-786-9625



Wubey

Tara Dubey, Ph.D, Laboratory Director

MACS Lab, Inc. 3137 Diablo Ave

Hayward, CA 94545-2701

# Non-Viable Air Mold Analysis

Report number: 166301

510-786-9751

Report prepared for: MACS Lab, Inc.

Sampled on: July 23, 2007

Reported on: September 14, 2007 Report reviewed: Yes

#### Job Description: Quality Air Monitor

Sample ID:	1		2	•	3		4	
	Outdoor F	ront		Recycling Area			Tara`s La	b
Lab Sample No.:	NA16630	1-1	NA16630		NA16630	)1-3	NA16630	)1-4
Rate (LPM), Duration	15.0	5	15.0	5	15.0	5	15.0	5
Volume (L):		75.0		75.0		75.0		75.0
Status:	Ac	cepted	Ac	cepted	Ac	cepted	Ac	cepted
LOD (Spores/m3):	4	8.98	2	18.98	2	18.98	2	18.98
Debris rating		light		light		light		light
Hyphal fragments		resent	A	bsent	A	bsent		resent
Pollen	Pi	resent	A	bsent	A	bsent	A	bsent
TAXON	Raw	Spores/m <sup>3</sup>	Raw	Spores/m <sup>3</sup>	Raw	Spores/m <sup>3</sup>	Raw	Spores/m <sup>3</sup>
Alternaria	ND	000	ND		ND		ND	
Ascospores Aspergillus/Penicillium	4 10	200 490	N D N D		ND 1	50	ND ND	
Basidiospores	14	690	1	50	ND		ND	
Bipolaris/Dreschlera	ND		ND		ND		ND	
Botrytis	ND ND		N D N D		N D N D		ND	
Chaetomium Cladosporium	33	1.600	ND 1	50			ND 1	50
Curvularia	ND	1,000	ND	00	ND		ND	
Epicoccum	ND		ND		ND		ND	
Myxomycete	ND		ND		ND		ND	
Nigrospora Oidium	ND ND		N D N D		ND ND		ND ND	
Rust					ND ND		ND ND	
Scopulariopsis	ND		ND		ND		ND	
Smut	ND		ND		ND		1	50
Spegazzinia	ND		ND		ND		ND	I
Stachybotrys	ND		ND		ND		ND	
Stemphylium	ND		ND		ND		ND	
Torula Trichocladium	ND ND		ND ND		ND ND		ND ND	
Trichothecium	ND		ND		ND		ND	
Ulocladium	ND		ND		ND		ND	ľ
TOTAL	61	3,000	2	100	1	50	2	100
Comments:								

#### 3137 Diablo Áve Hayward, CA 94545-2701

# Non-Viable Air Mold Analysis

Report number: 166301

510-786-9751

MACS Lab, Inc. Report prepared for:

Sampled on: July 23, 2007

Reported on: September 14, 2007 Report reviewed: Yes

#### **Quality Air Monitor** Job Description:

#### Analysis of Non-Viable Air Samples for Identification of Fungal Mycota

			Spo	ores/m <sup>3</sup>		
Sample ID:	1	2	3	4		
Locale:	Outdoor Front	Sample Recycling Area	Mold Lab	Tara`s Lab		
Lab Sample No.:	NA166301-1	NA166301-2	NA166301-3	NA166301-4		
Alternaria	ND	ND	ND	ND		
Ascospores	200	ND	ND	ND		
Aspergillus/Penicillium	490	ND	50			
Basidiospores	690	50	ND	ND		
Bipolaris/Dreschlera	ND	ND	ND	ND		
Botrytis	ND	ND	ND	ND		
Chaetomium	ND	ND	ND	ND		
Cladosporium	1,600	50	ND	50		
Curvularia	ND	ND	ND	ND		
Epicoccum	ND	ND	ND	ND		
Myxomycete	ND	ND	ND	ND		
Nigrospora	ND	ND	ND	ND		
Oidium	ND	ND	ND	ND		
Rust	ND	ND	ND	ND		
Scopulariopsis	ND	ND	ND	ND		
Smut	ND	ND	ND	50		
Spegazzinia	ND	ND	ND	ND		
Stachybotrys	ND	ND	ND			
Stemphylium	ND		ND			
Torula	ND	ND	ND	ND		
Trichocladium	ND	ND	ND			
Trichothecium	ND	ND	ND			
Ulocladium	ND	ND	ND			
TOTAL	3,000	100	50	100		

# **SUMMARY**

3137 Diablo Ave Hayward, CA 94545-2701 510-786-9751

Jack Jones 1234 Happy Valley Road M/S 12 Sunshine

# Non-Viable Bulk Mold Analysis

Sampled on: July 9, 2008 Submitted on: July 9, 2008 Analyzed on: July 11, 2008 Reported on: July 11, 2008 SOP: NVB.I Sample Type: Bulk

FAX: (803) 555-0505

Report number: 179061

12345

Person to contact: Bill Smith

Phone: (803) 555-0501

Job Number:

Job Description: 12345 Main St. Watsonville, Ca 95076

CA 90501

#### Analysis of Non-Viable Bulk Samples for Identification of Fungal Mycota

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Wubey

Tara Dubey, Ph.D, Laboratory Director

# 3137 Diablo Áve

#### Hayward, CA 94545-2701

# Non-Viable Bulk Mold Analysis

Report number: 179061

510-786-9751

Report prepared for: Jack Jones

Job Number: 12345

Sampled on: July 9, 2008

Reported on: July 11, 2008 Report reviewed: Yes

Job Description: 12345 Main St. Watsonville, Ca 95076

Locale:	KellcoMacs-1	KellcoMacs-2				
Sample ID	1	2				
Lab Sample No.:	NB179061-1	NB179061-2				
Status:	Accepted	Accepted				
Taxon			Dete	ction		
Acremonium	ND	ND				
Alternaria	Present	Present				
Ascospores	ND	ND				
Aspergillus/Penicillium	Present	Present				
Basidiospores	ND	ND				
Ceratocystis/Ophiostoma	ND	Present				
Chaetomium	ND	ND				
Cladosporium	Present	Present				
Curvularia	ND	ND				
Epicoccum	ND	ND				
Fusarium	ND	ND				
Gonatobotryum	ND	ND				
Myxotrichum	ND	ND				
Nigrospora	ND	ND				
Oidium	ND	ND				
Petriella	ND	ND				
Phoma species	ND	ND				
Rust	ND	ND				
Scopulariopsis	ND	ND				
Serpula	ND	ND				
Smut	ND	ND				
Stachybotrys	Present	ND				
Stemphylium	ND	ND				
Torula	ND	ND				
Trichocladium	ND	ND				
Trichoderma	ND	ND				
Trichothecium	ND	ND				
Ulocladium	ND	Present				
Yeast	ND	ND				
Zygomycete	ND	ND				
Comments on page:	3	3				

# MACS Lab, Inc. 3137 Diablo Ave

# Non-Viable Bulk Mold Analysis

Report number: 179061

510-786-9751

Report prepared for: Jack Jones

Job Number: 12345

Hayward, CA 94545-2701

Sampled on: July 9, 2008

Reported on: July 11, 2008 Report reviewed: Yes

Job Description: 12345 Main St. Watsonville, Ca 95076

Sample ID	1	Lab Sample ID	NB179061-1	
Locale:	KellcoMacs-1			
Comments:	Growing structures of Stachybotrys were	observed.		
Sample ID	2	Lab Sample ID	NB179061-2	
Locale:	KellcoMacs-2			
	Aspergillus heads were observed.			
	Dust mites were observed.			

3137 Diablo Ave Hayward, CA 94545-2701 510-786-9751

Jack Jones 1234 Happy Valley Road M/S 12 Sunshine

CA 90501

Person to contact: Bill Smith

Phone: (803) 555-0501

# Viable Air Mold Analysis

Sampled on: 00/00/00 Submitted on: May 24, 2005 Analyzed on: May 25, 2005 Reported on: July 7, 2005 SOP: VA.I Sample Type: Andersen 400-hole

Report number: 142894

FAX: (803) 555-0505

## Analysis of Viable Air Samples for Identification of Fungal Mycota

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Wubey

Tara Dubey, Ph.D, Laboratory Director

MACS Lab, Inc. 3137 Diablo Ave

Hayward, CA 94545-2701

# Viable Air Mold Analysis

Report number: 142894

510-786-9751

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

Sample ID:	-		mea-2		mea-3	- J-	mea-4		
•		om the back		om the back		om the back	sample from the back		
Locale.									
							door of the black house		
	1	n the corner		n the corner	down from the corner		down from the corner		
	by the ch	urch with the	by the		by the		by the		
Lab Sample No.:	VA14289	94-1	VA14289	4-2	VA14289	4-3	VA14289	94-4	
Rate (LPM), Duration		1	28.3	2	28.3	3	28.3	4	
Volume (L):		28.3		56.6		84.9		113.2	
Status:		cepted		cepted		cepted		cepted	
LOD (CFU/m3):	3	35.34	1	7.67	1	1.78		8.83	
TAXON	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	
Acremonium	ND		ND		ND		ND		
Alternaria	ND		ND		ND		ND		
Aspergillus candidus	ND		ND		ND		ND		
Aspergillus flavus	ND ND		ND ND		ND ND		ND ND		
Aspergillus fumigatus Aspergillus nidulans	ND ND		ND ND		ND ND				
Aspergillus niger	ND		8	150			ND		
Aspergillus ochraceous	ND		ND	150	ND		ND		
Aspergillus sydowii	ND		ND		ND		ND		
Aspergillus terreus	ND		ND		ND		ND		
Aspergillus ustus	ND		ND		ND		ND		
Aspergillus versicolor	ND		ND		ND		ND		
Aspergillus vitis	ND		ND		ND		ND		
Aureobasidium	ND		ND		ND		ND		
Basidiomycete	ND		ND		ND		ND		
Beauveria bassiana	ND		ND	000	ND		ND	100	
Botrytis Ceratocystis/Ophiostoma	ND ND		14 ND	260	ND ND		11 ND	120	
Chaetomium	ND		ND		ND		ND		
Cladosporium	ND		ND		ND		ND		
Cladosporium breviramosum	ND		ND		ND		ND		
Cunninghamella	ND		ND		ND		ND		
Emericella nidulans	ND		ND		ND		ND		
Epicoccum	ND		8	150			ND		
Eurotium amstelodami	ND		ND		ND		111	1,200	
Fusarium	ND						ND		
Geomyces pannorum	ND ND		ND ND		ND ND		ND ND		
Mucor Non-sporulating	ND		ND		ND		ND ND		
Paecilomyces	ND		ND		ND		ND		
Penicillium	ND		ND		ND		ND		
Phoma species	ND		ND		ND		ND		
Rhizopus	ND		ND		ND		ND		
Rhodotorula	ND		ND		2	30			
Scopulariopsis	ND		ND		ND		ND		
Stachybotrys chartarum	ND		ND		ND	00	ND		
Trichurus					23	350			
Ulocladium Wallemia	ND ND		ND ND		ND ND		ND ND		
Yeast	ND		ND		ND		ND		
Zygosporium	ND		ND		144	2,200			
TOTAL	ND		30	550		2,600		1,300	
Comments:		latactad				ium aliens		1,000	
Comments.									
					took over	me plate.			

# Viable Air Mold Analysis

Report number: 142894

510-786-9751

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

Sample ID:		mea-6		mea-7					
-		om the back				om the back	mea-8 sample from the back		
Locale.									
					door of the black house				
	down fron	n the corner			down fror	n the corner	down from the corner		
	by the		by the		by the		by the		
Lab Sample No.:		4-5			VA142894-7		VA142894-8		
Rate (LPM), Duration	28.3	5	28.3	6	28.3	7	28.3	8	
Volume (L):	1	41.5	-	69.8	-	198.1		226.4	
Status:	Ac	Accepted		cepted	Ac	cepted	Ac	cepted	
LOD (CFU/m3):		7.07		5.89		5.05		4.42	
TAXON	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	
Acremonium	ND		ND		ND		ND		
Alternaria	ND		ND		ND		ND		
Aspergillus candidus	ND		ND		ND		ND		
Aspergillus flavus	ND		ND		ND		ND		
Aspergillus fumigatus	ND		123	870			ND		
Aspergillus nidulans	ND		ND		ND		ND		
Aspergillus niger	ND		ND		ND		13	70	
Aspergillus ochraceous	ND		ND		333	3,600			
Aspergillus sydowii	ND		ND		ND		ND		
Aspergillus terreus	ND		ND		ND		ND		
Aspergillus ustus	ND		ND		ND		ND		
Aspergillus versicolor	ND		ND		ND		ND		
Aspergillus vitis	ND		ND		ND		ND		
Aureobasidium	ND		ND		ND		ND		
Basidiomycete	ND		ND		ND		ND		
Beauveria bassiana	23	310	ND		ND		ND		
Botrytis	ND		ND		ND		22	110	
Ceratocystis/Ophiostoma	ND		ND		ND		ND		
Chaetomium	ND		ND		ND		ND		
Cladosporium	ND		ND		ND		62	310	
Cladosporium breviramosum	ND		ND		ND		ND		
Cunninghamella	ND		ND		ND		ND		
Emericella nidulans	ND		ND		ND		ND		
Epicoccum	32	430	ND		ND		ND		
Eurotium amstelodami	ND		ND		ND		ND		
Fusarium	ND		ND		ND		ND		
Geomyces pannorum	222	3,000	ND		ND		ND		
Mucor	ND		ND		ND		ND		
Non-sporulating	ND		ND		ND		ND		
Paecilomyces	11	150	ND		ND		ND		
Penicillium	ND		ND		ND		ND		
Phoma species	ND		ND		ND		ND		
Rhizopus	ND		ND		ND		ND		
Rhodotorula	ND		ND		ND		ND		
Scopulariopsis	ND		ND		ND		ND		
Stachybotrys chartarum	ND		ND		ND		ND		
Trichurus	ND		ND		ND		ND		
Ulocladium	19	260	ND		ND		ND		
Wallemia	ND		ND		ND		ND		
Yeast	ND		ND		ND		ND		
Zygosporium	ND		ND		ND		ND		
TOTAL	307	4,100		870		3,600		490	
Comments:					us ochraceous				
Comments.									
					· ·	here on this			
				plate.					

# Viable Air Mold Analysis

Report number: 142894

510-786-9751

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

Sample ID:	mea-9		mea-10		dg-1	<u> </u>	dg-2		
-		om the back				om the back	sample from the back		
Locale.							door of the black house		
		n the corner			down from the corner			n the corner	
	by the		by the		by the		by the		
Lab Sample No.:	VA14289	4-9	VA14289	94-10	VA14289	4-11	VA14289	94-12	
Rate (LPM), Duration	28.3	9	28.3	10	28.3	1	28.3	2	
Volume (L):	2	254.7		283.0		28.3		56.6	
Status:	Ac	cepted	Ac	cepted	Ac	cepted	Ac	cepted	
LOD (CFU/m3):	;	3.93		3.53	3	5.34	-	17.67	
TAXON	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	
Acremonium	ND		ND		ND		ND		
Alternaria	ND		ND		ND		ND		
Aspergillus candidus	ND		ND		ND		ND		
Aspergillus flavus	ND		ND		ND		ND		
Aspergillus fumigatus	ND		ND		ND		ND		
Aspergillus nidulans	ND		ND		ND		ND		
Aspergillus niger Aspergillus ochraceous	ND ND		ND ND		ND ND		ND ND		
Aspergillus sydowii	ND		ND		ND		ND		
Aspergillus terreus	ND		ND		ND		ND		
Aspergillus ustus	ND		ND		ND		ND		
Aspergillus versicolor	ND		ND		ND		112	2,300	
Aspergillus vitis	ND		ND		ND		ND		
Aureobasidium	ND		ND		ND		ND		
Basidiomycete	ND		ND		ND		ND		
Beauveria bassiana	ND				ND	200	ND ND		
Botrytis Ceratocystis/Ophiostoma	ND ND		N D N D		10 N D	380			
Chaetomium	ND		ND		11	410			
Cladosporium	ND		ND		13	490			
Cladosporium breviramosum	ND		ND		ND		ND		
Cunninghamella	ND		ND		ND		ND		
Emericella nidulans	ND		ND		ND		ND		
Epicoccum	ND		ND		ND		ND		
Eurotium amstelodami	ND				ND		ND		
Fusarium Geomyces pannorum	ND ND		N D N D		ND ND		ND ND		
Mucor	ND		ND		ND		ND		
Non-sporulating	ND		ND		ND		ND		
Paecilomyces	ND		ND		ND		ND		
Penicillium	ND		ND		ND		ND		
Phoma species	ND		ND		ND		ND		
Rhizopus	ND		ND		ND		ND		
Rhodotorula	ND				ND		ND		
Scopulariopsis Stachybotrys chartarum	ND ND		N D N D		ND ND		ND ND		
Trichurus	ND		ND		ND		ND		
Ulocladium	1	4	ND		13	490	ND		
Wallemia	ND		ND		ND		ND		
Yeast	ND		ND		ND		ND		
Zygosporium	ND		ND		ND		ND		
TOTAL	1	4	ND		47	1,800	112	2,300	
Comments:			No taxa c	letected.					

# Viable Air Mold Analysis

Report number: 142894

510-786-9751

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

Sample ID: dg-3         dg-4         dg-5         dg-6           Locale:         sample from the back door of the black house down from the corner by the         sample from the back by the         sample from the back down from the corner by the         sample from the back by the         down from the corner by the         down from the				·				-		
door of the black house           by the         by the         by the         by the         by the         by the           Lab Sample No.:         VA142894-13         VA142894-14         VA142894-15         VA142894-16           Rate (LPM), Duration         28.3         3         28.3         14         28.3         5         28.3         6           Volume (L):         84.9         113.2         141.5         169.8         6           LOD (CFU/m3):         Accepted         Accepted         Accepted         Accepted           Aremonium         ND         ND         ND         ND         ND         ND           Aperglus fundation         ND         ND         ND         ND	•			dg-4		dg-5		dg-6		
down from the corner by the           Lab Sample No:         VA142894-13         VA142894-14         VA142894-15         VA142894-16           Rate (LPM), Duration Volume (L):         84.9         113.2         141.5         169.8           Status:         Accepted         Accepted         Accepted         Accepted           LOD (CFUm3):         11.76         8.83         7.07         5.89           TAXON         Raw         CFUm3         Raw         CFUm3         Raw         CFUm3           Accentious         ND         ND         ND         ND         ND         Accepted           Appendius france         ND         ND         ND         ND	Locale:									
by the         by the         by the         by the           Lab Sample No.         VA142894-13         VA142894-15         VA142894-16         VA142894-16           Rate (LPM), Duration         28.3         3         28.3         4         28.3         5         28.3         6           Status:         Accepted		door of th	e black house	door of th	e black house	door of th	e black house	door of the black house		
Lab Sample No:         VA142894-13         VA142894-14         VA142894-15         VA142894-16           Rate (LPM), Duration         28.3         3         28.3         4         28.3         5         28.3         6           Volume (L):         84.9         113.2         141.5         169.8          169.8            Status:         Accepted		down fron	n the corner	down fror	n the corner	down fror	n the corner	down from the corner		
Lab Sample No:         VA142894-13         VA142894-14         VA142894-15         VA142894-16           Rate (LPM), Duration         28.3         3         28.3         4         28.3         5         28.3         6           Volume (L):         84.9         113.2         141.5         169.8          169.8            Status:         Accepted		bv the		bv the		bv the				
Rate (LPM), Duration Volume (L):         28.3         3         28.3         4         28.3         5         28.3         6           Status:         Accepted         Accepted         Accepted         Accepted         Accepted         Accepted           LOD (CFU/m3):         11.78         8.83         7.07         5.89         TAXON           Aremania         ND         ND         ND         ND         ND         ND           Aremania         ND         ND         ND         ND         ND         ND         ND           Approfilis fundaus         ND         ND         ND         ND         ND         ND         ND           Apperglius fundaus         ND         ND         ND         ND         ND         Apperglius fundaus         ND         ND         Apperglius fundaus         ND         ND         ND <td< td=""><td>Lab Sample No ·</td><td></td><td></td><td colspan="2"></td><td>,</td><td>4-15</td><td colspan="2"></td></td<>	Lab Sample No ·					,	4-15			
Volume (L):         84.9         113.2         141.5         169.8           LOD (CFU/m3):         Accepted         Accepted         Accepted         Accepted         Accepted           TAXON         Raw         CFU/m3         Raw         CFU/m3         Raw         CFU/m3         Raw         CFU/m3           Arcenonium         ND         ND         ND         ND         ND         ND           Atemaria         ND         ND         ND         ND         ND         ND           Apperglius cinugaus         ND         ND         ND         ND         ND           Apperglius cinugaus         ND         ND         ND         ND         ND           Apperglius cinugaus         ND         ND         ND         ND           Apperglius cinugaus <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>										
Status:         Accepted         Accepted         Accepted         Accepted           LOD (CFU/m3):         11.78         8.83         7.70         5.89           TAXON         Raw         CFU/m3         Raw         CFU/m3         Raw         CFU/m3           Acremonium         ND         ND         ND         ND         ND         ND           Acremonium         ND         ND         ND         ND         ND         ND           Apergillus radicus         ND         ND         ND         ND         ND         Accepted           Appergillus radicus         ND         ND         ND         ND         Accepted         Accepted           Appergillus radicus         ND         ND         ND         ND         Accepted         Accepted           Appergillus radicus         ND         ND         ND         ND         Accep	. , , ,									
LOD (CFU/m3):         11.78         8.83         7.07         5.89           TAXON         Raw         CFU/m3         Raw         CFU/m3         Raw         CFU/m3           Acremonium         ND         ND         ND         ND         ND         ND           Alternaria         ND         ND         ND         ND         ND         ND           Apergillus canddus         ND         ND         ND         ND         ND         ND           Apergillus canddus         ND         ND         ND         ND         ND         ND           Apergillus candduans         ND         ND         ND         ND         ND         ND           Apergillus candduans         ND         ND         ND         ND         ND         ND           Apergillus candacous         ND         ND         ND         ND         ND         ND           Apergillus candacous         ND         ND         ND         ND         ND         ND           Apergillus candacous         ND         ND         ND         ND         ND         ND           Apergillus candous         ND         ND         ND         ND         ND         ND					-					
TAXON         Raw         CFU/m3         Raw         Raw <thraw< th=""> <thraw< th="">         Raw</thraw<></thraw<>										
Arcentonium         ND         ND         ND         ND           Atemaria         ND         ND         ND         ND         ND           Aspergilus cardidus         ND         ND         ND         ND         ND           Aspergilus fungatus         ND         ND         ND         ND         ND           Aspergilus fungatus         ND         ND         ND         ND         ND           Aspergilus ofdularis         ND         ND         ND         ND         ND           Aspergilus ofdularis         ND         ND         ND         ND         ND           Aspergilus ofdularis         ND         ND         ND         ND         ND           Aspergilus vistis         ND         ND         ND         ND         ND           Basidiomycete         ND         ND         ND         ND         ND           CratocystisCohiostona         ND <td>LOD (CFU/m3):</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	LOD (CFU/m3):	1								
Alternaria         N D         N D         N D         N D         N D           Aspergillus candidus         N D         N D         N D         N D         N D           Aspergillus flavus         N D         N D         N D         N D         N D           Aspergillus indicians         N D         N D         N D         N D         N D           Aspergillus indicians         N D         N D         N D         N D         N D           Aspergillus obtraceous         N D         N D         N D         N D         N D           Aspergillus obtraceous         N D         N D         N D         N D         N D           Aspergillus versicolor         N D         N D         N D         N D         N D           Aureobasidium         N D         N D         N D         N D         N D           Basidiomycete         N D         N D         N D         N D         N D           Catadosporium breviramosum         N D         N D         N D         N D           Catadosporium breviramosum         N D         N D         N D         N D           Catadosporium breviramosum         N D         N D         N D         N D	TAXON		CFU/m <sup>3</sup>		CFU/m <sup>3</sup>		CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	
Aspergilus candidus         N.D         N.D         N.D         N.D           Aspergilus fungatus         N.D         N.D         N.D         N.D           Aspergilus sydowii         N.D         N.D         N.D         N.D           Aspergilus versicolor         N.D         N.D         N.D         N.D           Agergilus sydia         N.D         N.D         N.D         N.D           Agergilus versicolor         N.D         N.D         N.D         N.D           Agergilus versicolor         N.D         N.D         N.D         N.D           Agergilus versicolor         N.D         N.D										
Aspergilus flavus         N.D         N.D         N.D         N.D         N.D           Aspergilus midulans         N.D         N.D         N.D         N.D         N.D           Aspergilus midulans         N.D         N.D         N.D         N.D         N.D           Aspergilus midulans         N.D         N.D         N.D         N.D         N.D           Aspergilus midus sydowii         N.D         N.D         N.D         N.D         N.D           Aspergilus sydowii         N.D         N.D         N.D         N.D         N.D           Aspergilus visus         N.D         N.D         N.D         N.D         N.D           Aspergilus visus         N.D         N.D         N.D         N.D         N.D           Aspergilus visis         N.D         N.D         N.D         N.D         N.D           Aspergilus visis         N.D         N.D         N.D         N.D         N.D           Basidiumycete         N.D         N.D         N.D         N.D         N.D           Caratocystis/Ophiostoma         N.D         N.D         N.D         N.D         N.D           Caladosporium breviramosum         N.D         N.D         N.D										
Aspergillus funigatus         N.D         N.D         N.D         N.D           Aspergillus iniger         N.D         N.D         N.D         N.D         N.D           Aspergillus iniger         N.D         N.D         N.D         N.D         N.D           Aspergillus ordexecous         N.D         N.D         N.D         N.D         N.D           Aspergillus ordexecous         N.D         N.D         N.D         N.D         N.D           Aspergillus versicolor         N.D         N.D         N.D         N.D         N.D           Aspergillus versicolor         N.D         N.D         N.D         N.D         N.D           Aspergillus versicolor         N.D         N.D         N.D         N.D         N.D           Association of the second o										
Aspergilus induitans         N.D         N.D         N.D         N.D           Aspergilus inder         N.D         N.D         N.D         N.D         N.D           Aspergilus inder         N.D         N.D         N.D         N.D         N.D           Aspergilus inderes         N.D         N.D         N.D         N.D         N.D           Aspergilus visious         N.D         N.D         N.D         N.D         N.D           Aspergilus visious         N.D         N.D         N.D         N.D         N.D           Aspergilus visioury visio         N.D         N.D         N.D         N.D         N.D           Aspergilus visioury visio         N.D         N.D         N.D         N.D         N.D           Aspergilus visioury visio         N.D         N.D         N.D         N.D         N.D           Basidiomycete         N.D         N.D         N.D         N.D         N.D         N.D           Ceratocystis/Cohiostoma         N.D         N.D         N.D         N.D         N.D         N.D           Cladosporium breviramosum         N.D         N.D         N.D         N.D         N.D         N.D           Epicoccum         N.D										
Aspergillus riger         N.D         N.D         N.D         N.D         N.D           Aspergillus ofraceous         N.D         N.D         N.D         N.D         N.D           Aspergillus strreus         N.D         N.D         N.D         N.D         N.D           Aspergillus versicolor         N.D         N.D         N.D         N.D         N.D           Aureobasidum         N.D         N.D         N.D         N.D         N.D         N.D           Beatlomycete         N.D         N.D         N.D         N.D         N.D         N.D         N.D           Cratosystis/Optiostoma         N.D										
Aspergillus ochraceous         ND         ND         ND         ND           Aspergillus yedowii         ND         ND         ND         ND         ND           Aspergillus usus         ND         ND         ND         ND         ND           Aspergillus visus         ND         ND         ND         ND         ND           Aspergillus visis         ND         ND         ND         ND         ND           Aureobasium         ND         ND         ND         ND         ND           Basidionycete         ND         ND         ND         ND         ND           Basidionycete         ND         ND         ND         ND         ND           Basidionycete         ND         ND         ND         ND         ND           Ceratocystis/Ophicstoma         ND         ND         ND         ND         ND           Chaetomium         ND         ND         ND         ND         ND         Cadosporium breviramosum         ND         ND           Cladosporium breviramosum         ND         ND         ND         ND         ND         ND           Eurotium amstelodami         ND         ND         ND		ND		ND		ND		ND		
Aspergillus terreus         N.D         N.D         N.D         N.D           Aspergillus versicolor         N.D         N.D         N.D         N.D         N.D           Aureobasidum         N.D         N.D         N.D         N.D         N.D           Basidiomycete         N.D         N.D         N.D         N.D         N.D           Basidiomycete         N.D         N.D         N.D         N.D         N.D           Caratocystis/Optiostom         N.D         N.D         N.D         N.D         N.D           Chadosporium breviramosum         N.D         N.D         N.D         N.D         N.D           Cladosporium breviramosum         N.D         N.D         N.D         N.D         N.D           Cladosporium indularis         N.D         N.D         N.D         N.D         N.D           Eurotium anstelodami         N.D         N.D         N.D										
Aspergillus vetus         N.D         N.D         N.D         N.D           Aspergillus vetisciolor         N.D         N.D         N.D         N.D         N.D           Aspergillus vitis         N.D         111         1,100         N.D         N.D         N.D           Aureobasidium         N.D         111         1,100         N.D         N.D         N.D           Beatiomycete         N.D         N.D         N.D         N.D         N.D         N.D           Beatiomycete         N.D         N.D         N.D         N.D         N.D         N.D           Cratocypytis/Ophiostoma         N.D         N.D         N.D         N.D         N.D         N.D           Cladosporium         N.D         N.D         N.D         N.D         N.D         Cladosporium freviramosum         N.D         N.D           Cladosporium breviramosum         N.D         N.D         N.D         N.D         N.D         Eurotum freviramosum         N.D         N.D         N.D           Epicoccum         N.D         N.D         N.D         N.D         N.D         N.D         N.D           Eurotum amstelodami         N.D         N.D         N.D         N.D         N.D										
Aspergillus versicolor         N.D         N.D         N.D           Aspergillus vitis         N.D         N.D         189         2,400         N.D           Aureobasidum         N.D         111         1,100         N.D         N.D         N.D           Basidomycete         N.D         N.D         N.D         N.D         N.D         N.D           Basidomycete         N.D         N.D         N.D         N.D         N.D         N.D           Basidomycete         N.D         N.D         N.D         N.D         N.D         N.D           Beauveria basiana         N.D         N.D         N.D         N.D         N.D         N.D           Ceratocystis/Ophiostoma         N.D         N.D         N.D         N.D         N.D         Consinghamelia         N.D         N.D         N.D         Consinghamelia         N.D         N.D         N.D         N.D         Epicoccum         N.D         N.D         N.D         N.D         Epicocum         N.D         N.D         N.D         N.D         Epicocum         N.D         N.D         N.D         N.D         N.D         Epicocum         N.D         N.D         N.D         Epicocum         N.D         N.D										
Aspergilus vitis         N D         N D         111         1,100         N D         N D           Aureobasidium         N D         N D         N D         N D         N D         N D           Bealdomycete         N D         N D         N D         N D         N D         N D           Beauverta bassiana         N D         N D         N D         N D         N D         N D           Caratocystis/Ophiostoma         N D         N D         N D         N D         N D         N D           Chaetomium         N D         N D         N D         N D         N D         N D           Cladosporium breviramosum         N D         N D         N D         N D         N D         N D           Cladosporium breviramosum         N D         N D         N D         N D         N D         N D           Eurotium amstelodami         N D         N D         N D         N D         N D         N D           Fusarium         N D         N D         N D         N D         N D         N D           Geornyces pannorum         N D         N D         N D         N D         N D         N D           Phoma species         N D										
Aureobasidium         N.D         111         1,100         N.D         N.D           Basidiomycete         N.D         N.D         N.D         N.D         N.D           Basidiomycete         N.D         N.D         N.D         N.D         N.D           Botrytis         N.D         N.D         N.D         N.D         N.D           Ceratocysis/Ophiostoma         N.D         N.D         N.D         N.D           Chaetomium         N.D         N.D         N.D         N.D           Cladosporium reviramosum         N.D         N.D         N.D         N.D           Cladosporium reviramosum         N.D         N.D         N.D         N.D           Cuantinghamella         N.D         N.D         N.D         N.D           Eurotium amstelodami         N.D         N.D         N.D         N.D           Fusarium         N.D         N.D         N.D         N.D           Paecilomyces pannorum         N.D         N.D         N.D         N.D           Paecilomyces         N.D         N.D         N.D         N.D           Promosela fieldami         N.D         N.D         N.D         N.D           Previsiting							2,400			
Basiciomycete         N.D         N.D         N.D           Beauveria bassiana         N.D         N.D         N.D         N.D           Beauveria bassiana         N.D         N.D         N.D         N.D           Beauveria bassiana         N.D         N.D         N.D         N.D           Correctocystis/Ophiostoma         N.D         N.D         N.D         N.D           Chaetomium         N.D         N.D         N.D         N.D           Cladosporium breviramosum         N.D         N.D         N.D         N.D           Cladosporium breviramosum         N.D         N.D         N.D         N.D           Cladosporium breviramosum         N.D         N.D         N.D         N.D           Emericella nidulans         N.D         N.D         N.D         N.D           Eurotium amstelodami         N.D         N.D         N.D         N.D           Eurotium amstelodami         N.D         N.D         N.D         N.D           Mucor         N.D         N.D         N.D         N.D           Paeciomyces         N.D         N.D         N.D         N.D           Penicillium         N.D         N.D         N.D         N.D <td></td> <td></td> <td></td> <td></td> <td>1,100</td> <td></td> <td>_,</td> <td></td> <td></td>					1,100		_,			
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Chaetonium         ND										
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ScopulariopsisNDNDNDNDStachybotrys chartarumNDNDNDNDTrichurusNDNDNDNDUlocladiumNDNDNDNDWallemiaNDNDNDNDYeastNDNDNDNDZygosporiumND1111,1002893,600TOTALND1111,1002893,600No taxa detected.Image: state of the s	· · · ·									
Stachybotry's chartarumNDNDNDNDTrichurusNDNDNDNDNDUlocladiumNDNDNDNDNDWallemiaNDNDNDNDNDYeastNDNDNDNDNDZygosporiumND1111,1002893,600NDTOTALND1111,1002893,600NDKo taxa detected.Image: Stack of the stack of t				ND						
Ulocladium Wallemia     N D ND     N D ND     N D ND     N D ND     N D ND       Yeast Zygosporium     N D ND     N D ND     N D ND     N D ND     N D ND       TOTAL Comments:     N D ND     111     1,100     289     3,600     N D       No taxa detected.     No taxa detected.     No taxa detected.     No taxa detected.     Carbonaceous debris, not biological in		ND		ND		ND				
Wallemia         ND         ND         ND         ND           Yeast Zygosporium         ND ND         ND ND         ND ND         ND ND         ND ND         ND ND           TOTAL Comments:         ND ND         111         1,100         289         3,600         ND           No taxa detected.         No taxa detected.         No taxa detected.         No taxa detected. Carbonaceous debris, not biological in										
Yeast Zygosporium     ND ND     ND ND     ND ND     ND ND       TOTAL Comments:     ND     111     1,100     289     3,600     ND       No taxa detected.     No taxa detected.     No taxa detected.     No taxa detected.										
Zygosporium     ND     ND     ND       TOTAL     ND     111     1,100     289     3,600     ND       Comments:     No taxa detected.     Image: Comments in the image: Comments in the image: Comment in the image: Co										
TOTAL     ND     111     1,100     289     3,600     ND       Comments:     No taxa detected.     No taxa detected.     No taxa detected.       Carbonaceous debris, not biological in										
Comments: No taxa detected. Carbonaceous debris, not biological in					1 100		3 600			
Carbonaceous debris, not biological in			etected		1,100	203	0,000	<u>.</u>		
not biological in	Comments.									
appearance.									·	
								appearar	ice.	

# Viable Air Mold Analysis

Report number: 142894

510-786-9751

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

Sample ID:			dg-8		dg-9		dg-10		
Locale:						om the back		om the back	
							door of the black house		
	down fror	n the corner	down fror			n the corner	down fror	n the corner	
	by the		by the		by the		by the		
Lab Sample No.:	VA142894-17		VA14289	4-18	VA14289	94-19	VA14289	94-20	
Rate (LPM), Duration	28.3 7		28.3	8	28.3	9	28.3	10	
Volume (L):	1	98.1	2	226.4	1	254.7		283.0	
Status:	Ac	cepted	Ac	cepted	Ac	cepted	Ac	cepted	
LOD (CFU/m3):		5.05		4.42		3.93		3.53	
TAXON	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	
Acremonium	ND		ND		ND		ND		
Alternaria	ND		ND		ND		ND		
Aspergillus candidus	ND		ND		ND		ND		
Aspergillus flavus					ND ND		ND		
Aspergillus fumigatus Aspergillus nidulans	ND ND		N D N D		ND ND		ND ND		
Aspergillus niger	ND		ND		ND		ND		
Aspergillus ochraceous	ND		ND		ND		ND		
Aspergillus sydowii	ND		ND		ND		ND		
Aspergillus terreus	1	5	ND		ND		ND		
Aspergillus ustus	ND ND		N D N D				ND ND		
Aspergillus versicolor Aspergillus vitis	ND		ND		ND ND		ND ND		
Aureobasidium	ND		ND		ND		ND		
Basidiomycete	ND		ND		ND		ND		
Beauveria bassiana	ND		ND		ND		ND		
Botrytis	ND		ND		112	520			
Ceratocystis/Ophiostoma	ND		ND		ND		ND		
Chaetomium Cladosporium	ND ND		ND ND		ND ND		ND ND		
Cladosporium breviramosum	ND		ND		ND		ND		
Cunninghamella	ND		ND		ND		ND		
Emericella nidulans	ND		ND		ND		1	4	
Epicoccum	ND		ND		ND		ND		
Eurotium amstelodami	ND ND		ND ND		ND ND		ND ND		
Fusarium Geomyces pannorum	ND		ND		ND		ND		
Mucor	ND		ND		ND		ND		
Non-sporulating	ND		ND		ND		ND		
Paecilomyces	ND		ND		ND		ND		
Penicillium			ND				ND		
Phoma species Rhizopus	ND ND		N D N D		ND ND		ND ND		
Rhodotorula	ND		ND		ND		ND		
Scopulariopsis	ND		ND		ND		ND		
Stachybotrys chartarum	ND		ND		ND		ND		
Trichurus	ND		ND		ND		ND		
Ulocladium	ND ND		ND 11	50	ND ND		ND ND		
Wallemia Yeast	ND ND		11 ND	50	ND ND				
Zygosporium	ND		ND		ND		ND		
TOTAL	1	5		50		520		4	
Comments:									
	L				1		1		

MACS Lab, Inc. 3137 Diablo Ave Hayward, CA 94545-2701 510-786-9751

# Viable Air Mold Analysis

Report number: 142894

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

Sample ID:	dg-11							
		om the back						
		e black house						
		n the corner						
	by the							
Lab Carriela Na		1.01						
Lab Sample No.:								
Rate (LPM), Duration	28.3	10						
Volume (L):	2	283.0						
Status:	Ac	cepted						-
LOD (CFU/m3):		3.53		-		-		-
TAXON	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>	Raw	CFU/m <sup>3</sup>
Acremonium	ND							
Alternaria	ND ND							
Aspergillus candidus Aspergillus flavus	ND							
Aspergillus fumigatus	ND							
Aspergillus nidulans	ND							
Aspergillus niger	ND							
Aspergillus ochraceous	ND							
Aspergillus sydowii Aspergillus terreus	ND ND							
Aspergillus ustus	ND							
Aspergillus versicolor	ND							
Aspergillus vitis	ND							
Aureobasidium	ND							
Basidiomycete Beauveria bassiana	ND ND							
Botrytis	ND							
Ceratocystis/Ophiostoma	ND							
Chaetomium	ND							
Cladosporium	ND							
Cladosporium breviramosum Cunninghamella	ND ND							
Emericella nidulans	ND							
Epicoccum	ND							
Eurotium amstelodami	ND							
Fusarium	ND ND							
Geomyces pannorum Mucor	2	7						
Non-sporulating	ND	· · ·						
Paecilomyces	ND							
Penicillium	ND							
Phoma species	ND ND							
Rhizopus Rhodotorula	ND							
Scopulariopsis	ND							
Stachybotrys chartarum	ND							
Trichurus	ND							
Ulocladium Wallemia	ND ND							
Yeast	ND							
Zygosporium	ND							
TOTAL	2	7						
Comments:								

# Viable Air Mold Analysis

3137 Diablo Áve Hayward, CA 94545-2701 510-786-9751

Report number: 142894

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

#### Analysis of Viable Air Samples for Identification of Fungal Mycota

CFU/m <sup>3</sup>											
Sample ID:	mea-1	mea-2	mea-3	mea-4	mea-5	mea-6	mea-7	mea-8			
Locale:	of the black	sample from the back door of the black									
Lab Sample No.:	VA142894-1	VA142894-2	VA142894-3	VA142894-4	VA142894-5	VA142894-6	VA142894-7	VA142894-8			
Acremonium	ND	ND	ND	ND	ND	ND		ND ND			
Alternaria	ND	ND	ND	ND	ND	ND					
Aspergillus candidus	ND	ND	ND	ND	ND	ND					
Aspergillus flavus	ND	ND	ND	ND	ND	ND ND					
Aspergillus fumigatus	ND	ND	ND	ND	ND	870					
Aspergillus nidulans	ND	ND	ND	ND	ND	ND					
Aspergillus niger	ND	150	ND	ND	ND	ND					
Aspergillus ochraceous	ND	ND	ND	ND	ND	ND	-,				
Aspergillus sydowii	ND	ND	ND	ND	ND	ND					
Aspergillus terreus	ND	ND	ND	ND	ND	ND					
Aspergillus ustus	ND	ND	ND	ND	ND	ND					
Aspergillus versicolor	ND	ND	ND	ND	ND	ND					
Aspergillus vitis	ND	ND	ND	ND	ND	ND					
Aureobasidium	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND					
Basidiomycete											
Beauveria bassiana	ND ND	ND 260	ND ND	ND 120	310 ND	ND ND					
Botrytis Ceratocystis/Ophiostoma	ND	260 ND	ND	120 ND							
Chaetomium	ND	ND	ND	ND ND							
Cladosporium	ND	ND	ND								
Cladosporium breviramosum	ND	ND	ND								
Cunninghamella	ND	ND	ND	ND	ND	ND					
Emericella nidulans	ND	ND	ND	ND ND	ND ND						
Epicoccum	ND	150	ND	ND ND	430	ND					
Eurotium amstelodami	ND	ND	ND	1,200	ND	ND					
Fusarium	ND	ND	ND	ND	ND	ND					
Geomyces pannorum	ND	ND	ND	ND	3.000	ND					
Mucor	ND	ND	ND	ND	ND	ND		ND ND			
Non-sporulating	ND	ND	ND	ND	ND	ND					
Paecilomyces	ND	ND	ND	ND	150	ND	ND	ND ND			
Penicillium	ND	ND	ND	ND	ND	ND	ND	ND ND			
Phoma species	ND	ND	ND	ND	ND	ND	ND	ND ND			
Rhizopus	ND	ND	ND	ND	ND	ND	ND	ND ND			
Rhodotorula	ND	ND	30	ND	ND	ND	ND	ND ND			
Scopulariopsis	ND	ND	ND	ND	ND	ND	ND	ND ND			
Stachybotrys chartarum	ND	ND	ND	ND	ND	ND	ND	ND ND			
Trichurus	ND	ND	350	ND	ND	ND					
Ulocladium	ND	ND	ND	ND	260	ND ND					
Wallemia	ND	ND	ND	ND	ND	ND					
Yeast	ND	ND	ND	ND	ND	ND					
Zygosporium	ND	ND	2,200	ND	ND	ND		ND ND			
TOTAL	ND	550	2,600	1,300	4,100	870	3,600	490			

# SUMMARY CFU/m<sup>3</sup>

# Viable Air Mold Analysis

3137 Diablo Áve Hayward, CA 94545-2701 510-786-9751

Report number: 142894

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

#### Analysis of Viable Air Samples for Identification of Fungal Mycota

CFU/m <sup>3</sup>											
Sample ID:	mea-9	mea-10	dg-1	dg-2	dg-3	dg-4	dg-5	dg-6			
Locale:	of the black	sample from the back door of the black									
Lab Sample No.:	VA142894-9	VA142894-10	VA142894-11	VA142894-12	VA142894-13	VA142894-14	VA142894-15	VA142894-16			
Acremonium	ND	ND	ND	ND	ND	ND	1				
Alternaria	ND	ND	ND	ND	ND	ND ND	1				
Aspergillus candidus	ND	ND	ND	ND	ND ND	ND					
Aspergillus flavus Aspergillus fumigatus	ND ND	ND ND	ND ND	ND ND		ND ND	1				
Aspergillus nidulans	ND	ND	ND	ND ND							
Aspergillus niger	ND	ND	ND	ND ND	ND ND	ND ND	1				
Aspergillus ochraceous	ND	ND	ND	ND ND	ND ND						
Aspergillus sydowii	ND	ND	ND	ND	ND	ND	1				
Aspergillus terreus	ND	ND	ND	ND	ND	ND					
Aspergillus ustus	ND	ND	ND	ND	ND	ND	ND	ND			
Aspergillus versicolor	ND	ND	ND	2,300	ND	ND	ND	ND			
Aspergillus vitis	ND	ND	ND	ND	ND	ND					
Aureobasidium	ND	ND	ND	ND	ND	1,100					
Basidiomycete	ND	ND	ND	ND	ND	ND					
Beauveria bassiana	ND	ND	ND	ND	ND	ND					
Botrytis	ND	ND	380	ND	ND	ND					
Ceratocystis/Ophiostoma	ND	ND	ND	ND	ND	ND					
Chaetomium Cladosporium	ND ND	ND ND	410 490	ND ND	ND ND	ND ND					
Cladosporium breviramosum	ND	ND ND	490 ND			ND ND	1				
Cunninghamella	ND	ND	ND	ND	ND ND						
Emericella nidulans	ND	ND	ND	ND ND	ND ND						
Epicoccum	ND	ND	ND	ND	ND	ND	1				
Eurotium amstelodami	ND	ND	ND	ND	ND	ND	ND	ND			
Fusarium	ND	ND	ND	ND	ND	ND	ND	ND			
Geomyces pannorum	ND	ND	ND	ND	ND	ND	ND	ND			
Mucor	ND	ND	ND	ND	ND	ND					
Non-sporulating	ND	ND	ND	ND	ND	ND	1				
Paecilomyces	ND	ND	ND	ND	ND	ND					
Penicillium	ND	ND	ND	ND	ND	ND					
Phoma species	ND	ND	ND	ND	ND	ND	1				
Rhizopus	ND	ND	ND	ND	ND	ND					
Rhodotorula	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND					
Scopulariopsis Stachybotrys chartarum	ND	ND	ND	ND ND							
Trichurus	ND	ND	ND	ND ND		ND ND					
Ulocladium	4	ND	490	ND ND							
Wallemia	ND	ND	ND	ND ND		ND ND	1				
Yeast	ND	ND	ND	ND	ND	ND	1				
Zygosporium	ND	ND	ND	ND ND	ND ND	ND	1				
TOTAL	4	ND	1,800	2,300	ND	1,100					
IOTAL		ND	1,000	2,000		1,100	5,000				

# SUMMARY

# Viable Air Mold Analysis

3137 Diablo Áve Hayward, CA 94545-2701 510-786-9751

Report number: 142894

Report prepared for: Jack Jones

Sampled on: 00/00/00

Reported on: July 7, 2005 Report reviewed: No

#### Analysis of Viable Air Samples for Identification of Fungal Mycota

CFU/m <sup>3</sup>											
Sample ID:	dg-7	dg-8	dg-9	dg-10	dg-11						
Locale:	sample from the back door of the black										
Lab Sample No.:	VA142894-17	VA142894-18	VA142894-19	VA142894-20	VA142894-21						
Acremonium	ND	ND	ND	ND	ND						
Alternaria	ND ND	ND ND	ND ND	ND ND	ND ND						
Aspergillus candidus Aspergillus flavus	ND ND	ND ND	ND ND	ND ND	ND ND						
Aspergillus fumigatus	ND ND	ND	ND	ND ND	ND ND						
Aspergillus nidulans	ND	ND	ND	ND ND	ND ND						
Aspergillus niger	ND	ND	ND	ND	ND						
Aspergillus ochraceous	ND	ND	ND	ND	ND						
Aspergillus sydowii	ND	ND	ND	ND	ND						
Aspergillus terreus	5	ND	ND	ND	ND						
Aspergillus ustus	ND	ND	ND		ND						
Aspergillus versicolor	ND	ND	ND	ND	ND						
Aspergillus vitis Aureobasidium	ND ND	ND ND	ND	ND ND	ND ND						
Basidiomycete	ND ND	ND ND	ND ND		ND ND						
Beauveria bassiana	ND ND	ND ND	ND	ND ND	ND ND						
Botrytis	ND	ND	520		ND ND						
Ceratocystis/Ophiostoma	ND	ND	ND	ND	ND						
Chaetomium	ND	ND	ND	ND	ND						
Cladosporium	ND	ND	ND	ND	ND						
Cladosporium breviramosum	ND	ND	ND	ND	ND						
Cunninghamella	ND	ND	ND	ND	ND						
Emericella nidulans	ND	ND	ND	4	ND						
Epicoccum	ND	ND	ND	ND	ND						
Eurotium amstelodami	ND ND	ND ND	ND	ND	ND						
Fusarium Geomyces pannorum	ND ND	ND ND	ND ND	ND ND	ND ND						
Mucor	ND ND	ND ND	ND	ND ND	7						
Non-sporulating	ND	ND	ND		, ND						
Paecilomyces	ND	ND	ND	ND	ND						
Penicillium	ND	ND	ND	ND	ND						
Phoma species	ND	ND	ND	ND	ND						
Rhizopus	ND	ND	ND	ND	ND						
Rhodotorula	ND	ND	ND	ND	ND						
Scopulariopsis	ND	ND	ND	ND	ND						
Stachybotrys chartarum	ND	ND	ND	ND	ND						
Trichurus Ulocladium	ND ND	ND ND	ND ND	ND ND	ND ND						
Wallemia	ND ND	50	ND ND		ND ND						
Yeast	ND ND	ND	ND	ND ND	ND ND						
Zygosporium	ND	ND	ND	ND ND	ND ND						
TOTAL	5	50	520	4	7			l			
IUIAL	Ŭ		020		1						

# SUMMARY CFU/m<sup>3</sup>

3137 Diablo Ave Hayward, CA 94545-2701 510-786-9751

#### Jack Jones 1234 Happy Valley Road M/S 12 Sunshine

CA 90501

# Viable Bulk Mould Analysis

Sampled on: July 9, 2008 Submitted on: July 9, 2008 Analyzed on: July 11, 2008 Reported on: July 11, 2008 SOP: VB.I

Sample Type: See below

FAX: (803) 555-0505

#### Report number: 179066

12345

Person to contact: Bill Smith

Phone: (803) 555-0501

Job Number:

Job Description: 12345 Main St. Watsonvile, Ca 95076

#### Analysis of Viable Bulk Samples for Identification of Fungal Mycota

MACS Lab is accredited by AIHA (#11172) as documented by the scope of accreditation certificate. The results contained in this report are applicable only to the samples submitted and/or analyzed via the chain of custody. This report is generated by MACS Lab, Inc. and contains confidential and/or privileged client information. If you are not the client listed in this report, or the client this report is issued to, you are hereby notified that any disclosure, copying, electronic dissemination, electronic archiving, or distribution of this information or the taking of any action in reliance on the contents of this report is strictly prohibited.

MACS Lab, Inc. cannot determine putative resulting hazards associated with materials submitted for analysis, and reserves the right to dispose of all samples after a period of 10 days as specified by state and federal guidelines. The numerical results reported are estimates of fungal counts and may not reflect actual conidial/spore/CFU field sampling due to uncertainty in sampling methodologies and laboratory analyses. Blank correction has not been performed on samples contained within this report unless otherwise noted. MACS Lab, Inc. cannot assume responsibility for the effect or impact of field sampling methodologies and techniques as they can affect sample analyses. The client listed in this report is singularly responsible for all use, interpretation, and reliance of results contained within this report. If you have received this report in error, please return the report via US Postal Service and reply to the sender at 510-786-9751 advising of the error and delete the report and any accompanying documents from your computer or record system(s) immediately. Thank you.

MACS Lab, Inc., 3137 Diablo Ave, Hayward, CA 94545-2701, 510-786-9751, FAX: 510-786-9625



Wubey

Tara Dubey, Ph.D, Laboratory Director

#### MACS Lab, Inc. 3137 Diablo Ave

#### 3137 Diablo Ave Hayward, CA 94545-2701

# Viable Bulk Mould Analysis

Report number: 179066

510-786-9751

Report prepared for: Jack Jones

Job Number: 12345

Sampled on: July 9, 2008

Reported on: July 11, 2008 Report reviewed: Yes

Job Description: 12345 Main St. Watsonvile, Ca 95076

Locale: KellcoMacs -1				KellcoMa	cs -2						
Sample ID:	1			2							
Lab Sample No.:		6-1		KA179066-2							
Medium, Dilution	MEA		1:10	MEA		1:10					
Area sampled:		bulk			bulk						
Status:	Ac	cepte	ed	Ac	cepte	d		-		-	
LOD:		10			10	-				-	
TAXON	RAW	%	CFU	RAW	%	CFU	RAW	%	RAW	%	
Acremonium	ND			ND							
Alternaria	2	2.7	20	6	7.0	60					
Aspergillus candidus	ND			ND							
Aspergillus flavus	ND			1	1.1	10					
Aspergillus fumigatus	ND			ND							
Aspergillus nidulans	ND			ND				ļ			
Aspergillus niger	4	5.4	40	5	5.8	50					
Aspergillus ochraceous	ND ND			N D N D							
Aspergillus sydowii Aspergillus terreus	ND			ND				}	 		
Aspergillus ustus											
Aspergillus versicolor	ND			ND							
Aspergillus vitis	ND			ND				 			
Aureobasidium	ND			ND							
Basidiomycete	ND			ND							
Botrytis	ND	·		ND	·			ľ			
Chaetomium	ND			ND							
Cladosporium	41	55.4	410		77.6	660					
Cunninghamella	ND	[ ]		ND	[ ]			ſ		ſ	
Emericella nidulans	ND			ND							
Epicoccum	ND			ND				ļ			
Eurotium amstelodami	ND			ND							
Fusarium	ND			ND							
Mucor	ND ND			ND ND				ļ		-	
Non-sporulating Paecilomyces									-		
Penicillium	27	36.4	270		8.2	70					
Rhizopus	ND	00.4	210	ND	0.2	70		}			
Rhodotorula	ND			ND							
Scopulariopsis	ND			ND							
Stachybotrys chartarum	ND			ND				Ì			
Ulocladium	ND			ND							
Wallemia	ND			ND							
Yeast	ND			ND							
TOTAL	74	100.0	740	85	100.0	850					
Comments:		I			I						

#### 3137 Diablo Áve Hayward, CA 94545-2701

# Viable Bulk Mould Analysis

Report number: 179066

510-786-9751

Report prepared for: Jack Jones

Job Number: 12345

Sampled on: July 9, 2008

Reported on: July 11, 2008 Report reviewed: Yes

Job Description: 12345 Main St. Watsonvile, Ca 95076

# Analysis of Viable Bulk Samples for Identification of Fungal Mycota

# SUMMARY

Sample ID	1	2				
Taxon	CFU	CFU				
Acremonium	ND	ND				
Alternaria	20	60	 			
Aspergillus candidus	ND	ND	 	 		
Aspergillus flavus	ND	10		 		
Aspergillus fumigatus	ND	ND				
Aspergillus nidulans	ND	ND				
Aspergillus niger	40	50				
Aspergillus ochraceous	ND	ND				
Aspergillus sydowii	ND	ND				
Aspergillus terreus	ND	ND				
Aspergillus ustus	ND	ND				
Aspergillus versicolor	ND	ND				
Aspergillus vitis	ND	ND				
Aureobasidium	ND	ND				
Basidiomycete	ND	ND				
Botrytis	ND	ND				
Chaetomium	ND	ND				
Cladosporium	410	660				
Cunninghamella	ND	ND				
Emericella nidulans	ND	ND				
Epicoccum	ND	ND				
Eurotium amstelodami	ND	ND				
Fusarium	ND	ND				
Mucor	ND	ND				
Non-sporulating	ND	ND				
Paecilomyces	ND	ND				
Penicillium	270	70				
Rhizopus	ND	ND				
Rhodotorula	ND	ND				
Scopulariopsis	ND	ND				
Stachybotrys chartarum	ND	ND				
Ulocladium	ND	ND				
Wallemia	ND	ND				
Yeast	ND	ND				
TOTAL	740	850				

3137 Diablo Ave Hayward, CA 94545-2701

510-786-9751

# Qualitative Coliform Analysis Report

Colitag<sup>™</sup> Method

			Person to conta						
Jack Jones			Contact phone: (803) 555-0501						
	y Valley Road		FAX phone: (803	3) 555-0505					
M/S 12 Supehine		CA 90501	Sampled on:Ma	at: 1	6:45				
Sunshine			Incubated on: 00	at: 0	0:00				
		A-100-2	Analyzed on: Ju	at: 1	at: 15:33				
		1002	Report prepared	8 at: 1	5:37				
Job Numbe	r: 12345		Corresponding i	177384					
Analyst: t	d Reviewe	d by: DN Labo	oratory manager:	atory manager:					
			(signature)						
Job Description: 12345 Main St. Watsonville, Ca 95076									
Lab Sample	Customer	Description	Comments	Type of	Total	E. Coli			
Number	Sample Number			Sample	Coliforms				
EL177384-1	1	Bacteria	1	water	Absent	Absent			
Received OK 🗹 Accepted Date & Time Sampled: 05/30/08 at 16:47									

End of report.

# NOTICE

This report contains data regarding the presence or absence of coliforms and of E. Coli (Escherichia coli) determined by the MUG/Colilert test. "Coliforms" stan for a group of Gram Negative rod shaped bacteria common in fecal pollution. E. Coli is a common bacterial organism found in the human intestinal tract and can l used as a specific indicator of sewage spills. The presence of small quantities of coliforms may be due to environmental coliforms and may not be considered abnormal or of specific concern for human health.

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Tara Dubey, Ph.D., Laboratory Director

510-786-9751

# Airborne Dust Analysis Report

		n	NIC	DSH	500	
Jack Jones		Person to contact: Bill Smith				
1234 Happy Valley Roa M/S 12	d	Co	ntact ph	ione:	(803) 555-0501	
Sunshine	CA 90501	FA	FAX phone:		(803) 555-0505	
		) Re	port pre	pared	on: July 11, 2008	at:10:30
Purchase Order Number: A-100-2			Corresponding invoice number: 179064			
Job Number: 12345						
Analyst: DD (signatu	oratory manager:					
	Main Street, Watsonville,	CA 950	)76		(0.9.101010)	
Sample Numbers	Client Sample Description		LPM Avg	Time (Min)	Milligrams per	<sup>r</sup> Meter 3
Lab: M179064-1	KellcoMacs-1		1.9	78	< 0.2	
Client: 1						
Date sampled:	Received OK V A	ccepted				
Lab: M179064-2	KellcoMacs-2		1.9	78	< 0.2	
Client: 2						
Date sampled:	Received OK 🗹 A	ccepted				
End of report.						

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MACS Lab, Inc. 3137 Diablo Ave Hayward, CA 94545-2701		Analysis Report					
510-786-9751		TCLP Extraction USEPA Method 1311					
Jack Jones 1234 Happy Valley Road M/S 12 Sunshine C A 90	9501	Person to contact: Bill Smith Contact phone: (803) 555-0501 FAX phone: (803) 555-0505 Samples received on: July 9, 2008 Report prepared on: July 11, 2008 at: 09:49					
Purchase Order Number:       A-100-2         Job Number:       12345         Laboratory       manager:         Job Description:       12345 Main St. Watsonville, Ca 95076							
Lab Sample Number: TA179065-1 Client Sample Number: 1 Client Sample Description: KellcoMacs Sampled on: 7/9/08 at: 09:00 Prepared on: 7/10/08 at: 08:00	s-1		<ul> <li>Received OK</li> <li>Accepted for analysis</li> </ul>				
Analyte Pb Lead	Result 0.265 mg/l	PQL 0.250 mg/l	USEPA Method 7000/ 7420				
Lab Sample Number: TA179065-2       Image: Client Sample Number: 2         Client Sample Description:       KellcoMacs- 2							
Sampled on: 7/9/08 at: 09:00 Prepared on: 7/10/08 at: 08:00 Analyte Pb Lead	Result < 0.250 mg/l	PQL 0.250 mg/l	USEPA Method 7000/ 7420				

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