

# Certificate of Analysis

**FBS South American**

**Origin : Brazil**

**Catalogue Number : 12657**

**Lot Number : 210280K**

**Expiration Date : 2019-06**

TEST	SPECIFICATION	RESULT	UNITS
a01 Bacterial	Negative	Negative	
a02 Fungal	Negative	Negative	
a04 Mycoplasma	Negative	Negative	
a15 BVD	Tested	Tested	
a25 PI3	Negative	Negative	
a35 IBR	Negative	Negative	
b01 pH	6.90 to 7.80	7.31	pH Units
b02 Osmolality	280 to 340	313	mOs/kg H2O
c01 Albumin	1.70 to 3.50	2.42	g/100mL
c02 Alpha Globulin	0.70 to 2.00	1.51	g/100mL
c03 Beta Globulin	0.30 to 0.90	.30	g/100mL
c04 Gamma Globulin	10.00 to 200.00	109.23	ug/mL
c05 Total Protein	3.50 to 5.50	4.23	g/100mL
c06 Haemoglobin	1.00 to 30.00	18.51	mg/100mL
c07 Electro Profile	Typical	Typical	
d01 CE	0.70 to 1.40	1.00	
d02 PE	0.70 to 1.40	.99	
d03 Diploid Growth	0.70 to 1.40	0.90	
d04 Toxicity	Satisfactory	Satisfactory	
d05 Rel Myel/Hybrid	0.70 to 1.40	1.07	
q01 Documentation	Satisfactory	Satisfactory	
q02 Appearance (Liquid)	Satisfactory	Satisfactory	

Country of Origin : Either : Manufactured in Brazil from raw material originating in Brazil (States of Goias and Minas Gerias). Or: Manufactured in Uruguay from raw materials originating in Uruguay. (See above).

Product Size Catalogue Numbers: 100ml = 12657011; 500ml = 12657029

Intended Use : For research use or further cell culture manufacturing only.

Storage Conditions : Store in the dark at -5 to -20 deg. Celsius.

Quality System Department

Date : 17-Jul-2014