CERTIFICATE OF ANALYSIS

DMEM / HAM'S F-12, 50/50 MIX, *POWDER, WITHOUT L-GLUTAMINE, PHENOL RED AND HEPES, WITH SODIUM PYRUVATE*

Catalogue no.: 219-000-**

Lot no.: 219000035

Expiration date: 05/2028

MSDS: Available upon request

Shipping: Ambient

Storage: Store at 2 to 8°C. Protect from moisture. Protect from excessive heat and light.

TEST	SPECIFICATION	UNITS	RESULTS
Cell Line			
NCTC 929	Pass		Pass
NG-108	Pass		Pass
pH (before addition of $NaHCO_3$)	INFO		6.44
pH (after addition of $NaHCO_3$)	8.0 ± 0.3		7.77
Osmolality (before addition of $NaHCO_3$)	INFO	mOsm/Kg	276
Osmolality (after addition of $NaHCO_3$)	315 ± 30	mOsm/Kg	325
Endotoxin	< 0.25	EU/ml	0.138
Mycoplasma	Negative		Negative
Bioburden	Test & Report	CFU/g	0
Particle Size	≥ 90	% @ 100 um	96
Average particle size	Around 20	um	20.17
Moisture	≤ 1.5	%	<0.1

ADDITIONAL INFORMATION:

PREPARATION: To prepare a 1X solution, follow Wisent's Protocol for Powder Hydratation. For the addition of supplements, (sera, antibiotics, growth factors), add prior to use the media, if necessary, adjust pH and sterile filter using a 0.1 micron filter (will reduces chances of contamination).