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Certificate of Analysis

Product Description: CellMax™ Bovine Transferrin (HOLO), Chromatographically Purified from New Zealand_

Catalog Number: 152335_

Lot: 2148_

Formula: N/A

CAS #: N/A

Storage: +4°C

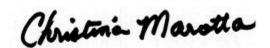
Physical Description: Reddish/Brown Lyophilized Powder

Test	Specification	Result
Appearance	Red to Brown Powder	Passes
Bioburden	#100 cfu/g	<10 cfu/g
Endotoxin	#1 EU/mg	<0.125 EU/mg
Iron	#1200 µg/g protein	1600 µg/g protein
Moisture	#5.0% w/w	1.4% w/w
Mycoplasma	None Detected	None Detected
pH (3% w/v soln)	6.0 - 8.0	7.2
Purity	#95% Transferrin w/ w protein	96% Transferrin w/w protein
Solubility (1% aq soln)	Dissolves completely in 20 minutes at 20 - 25°C	Passes
Total Protein (anhydrous)	#95% w/w total protein	100% ww
Virus (9 CFR 113.53(c))	None Detected	None Detected
Source	Bovine Serum	Bovine Serum

Origin: New Zealand

Date of Manufacture: 9/27/2012

Retest Date: 9/30/2014



06/21/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

This is an electronically generated document mailto:biotech@mpbio.com http://www.mpbio.com

Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)