

Product: apo-Transferrin Human Powder

Catalog #: 800-130P

Lot #: H91X13J

Origin: United States (100%)

Manufacture Date: Sep 2018

Expiration Date: Sep 2023

TEST	METHODOLOGY	SPECIFICATION	RESULTS
Biological Testing			
Bioburden		<10 cfu/mL	Pass
Endotoxin	LAL	≤1 EU/mg	< 0.05 EU/mg
Microbiological Testing			
Mycoplasma		Not Detected	Not Detected
Viral Testing			
HBsAg		Non-Reactive	Non-Reactive
Anti-HCV		Non-Reactive	Non-Reactive
Anti-HIV-1/HIV-2		Non-Reactive	Non-Reactive
ALT		Pass	Pass
Syphilis		Negative	Negative
HBV-NAT		Non-Reactive	Non-Reactive
HIV-NAT		Non-Reactive	Non-Reactive
HAV-NAT		Non-Reactive	Non-Reactive
HCV-NAT		Non-Reactive	Non-Reactive
Parvo B19-NAT		Non-Reactive	Non-Reactive
Physical Testing			
Appearance		Report	White Crystalline Powder
pH @ RT, 3% Solution		6.5-8.0	7.05
Moisture		≤5.0%	2.31%
Solubility	Readily Soluble at 1% in De-ionized water		Pass
Optical density		Report	9.91
Biochemical Testing			
Purity	Cellulose Acetate Electrophoresis	≥98% of total protein	Pass
Protein Analysis		>98%	102.9%
SDS-Polyacrylamide Gel		Conforms	Pass
Iron Estimated ICP		< 50ppm	3 ppm



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Results shown were obtained by carefully performed methods believed to be reliable. However, since some results may vary for specific tests depending upon methodology and other variables, it is suggested that tests for which results are particularly important be repeated by the user of this product.

All human blood products are collected from stringently screened donors at FDA-licensed collection centers in the United States. All donors are tested and found to be negative for Indirect Antiglobulin

Single homogenous batch, heat treated at $62^{\circ}\pm 2^{\circ}\text{C}$ for 10 hours and lyophilized from approximately 0.02M NH_4HCO_3 . May contain traces of buffer salts. Dispensed by dry weight.

Store at 2-8 °C. Allow temperature to equilibrate to room temperature prior to use.

Open 02 Aug 2019

Created By/ Date

William W. Chen 02 Aug 2019

Verified By/Date