



Product: apo-Transferrin Human Powder

Catalog #: 800-130P

Lot #: H72Y13L

Origin: United States (100%)

Manufacture Date: Aug 2020

Expiration Date: Aug 2025

| TEST | METHODOLOGY | SPECIFICATION | RESULTS |
|--------------------------------|-----------------------------------|---|--------------------------|
| Biological Testing | | | |
| Bioburden | | <10 cfu/mL | Pass |
| Endotoxin | LAL | ≤1 EU/mg | 0.092 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 | 6.85 |
| Moisture | | ≤5.0% | 1.02% |
| Solubility | | Readily Soluble at 1% in De-ionized water | Pass |
| Optical density | | Report | 10.09 |
| Biochemical Testing | | | |
| Purity | Cellulose Acetate Electrophoresis | ≥98% of total protein | Pass |
| Protein Analysis | | >98% | 100.85% |
| SDS-Polyacrylamide Gel | | Conforms | Pass |
| Iron Estimated ICP | | < 50ppm | <4 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 \pm 2 $^{\circ}$ C for 10 hours and lyophilized from approximately 0.02M NH₄HCO₃. May contain traces of buffer salts. Dispensed by dry weight.

Store at 2-8 $^{\circ}$ C. Allow temperature to equilibrate to room temperature prior to use.

23 JUN 2021

Created By/ Date

23 JUN 2021

Verified By/Date