

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-29 16:58:11
Date of Next Testing: 2030-12-28 16:58:11

Product Name: Transferrin from Human Plasma
Lot #: ZJ25F1230624
SKU #: np001010
Version: 1
Analysis #: 028250
Source: Native
Specifications & Purity: BioReagent, Low Endotoxin, Native, Bio Processing Grade, $\geq 98\%$ (SDS-PAGE), Iron Content: $\geq 1200\mu\text{g/g}$; Pre-lyophilization Protein Concentration: See COA

Concentration: 1298 $\mu\text{g/g}$
Formulation: Lyophilized
Reconstitution: After centrifugation, we suggest addition of de-ionized H₂O to the original volume (See COA), followed by gentle mixing to ensure adequate homogenization. If further dilution is required, please use the lyophilization buffer.

Storage Conditions: Store at -20°C, Avoid repeated freezing and thawing
Analysis: 028250

Parameter	Limit Value	Result
pH	6.5-8.0	6.50000
Protein Content(Dried Basis)	97-100(%)	98.60000
Loss on drying	$\leq 5\%$	1.70000 %
Iron Content	1200-1700(mg/kg)	1298.00000 mg/kg
Appearance(np001010)	Lyophilized powder	Lyophilized powder
Purity(SDS-PAGE) $\geq 98\%$	Conform	Conform
Solubility: Readily soluble in 1% solution	Conform	Conform
Endotoxin Level ≤ 1 EU/mg	Conform	Conform
Bioburden < 10 CFU/mg	Conform	Conform
Mycoplasma	Not detected	Not Detected



Sophia Cheng
Quality Assurance