

Certificate of Analysis

Date of Testing: 2023-09-01 09:29:11

Date of Next Testing: 2026-08-31 09:29:11

Product Name: **Meglumine**

CAS Number: 6284-40-8

Specifications & Purity: USP level

Lot #: H2324001

SKU #: **M433157**

Analysis: **248896**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Melting point	128-132 (°C)	131.30000 °C
Heavy metals	0-0.002 (%)	0.00 %
Assay (0.1 N hydrochloric acid)(Dry Basis)	99.0-100.5 (%)	99.80000 %
Loss on drying	0-1 (%)	0.55 %
Residue on Ignition	0-0.1 (%)	0.00000 %
UV absorption(200 mg/mL , H ₂ O,420nm)	≤0.03	0.00800
Specific Rotation [α] _{20/D} (100 mg/mL, undried, in water)	-17.3~-15.7 (°)	-15.81000 °
Appearance(M433157)	white crystalline powder	white crystalline powder
Absence of Reducing Substances	Pass	Pass
Identity(Completeness and Color Pass of Solution)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager