

Certificate of Analysis

Date of Testing: 2023-08-03 14:30:42

Date of Next Testing: 2026-08-02 14:30:42

Product Name: **Meglumine**

CAS Number: 6284-40-8

Specifications & Purity: PharmPure™, USP

Lot #: G2326829

SKU #: **M433157**

Version: **1**

Analysis #: **248337**

Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Melting point	128-132 (°C)	131.30000 °C
Loss on drying	0-1 (%)	0.56 %
Residue on Ignition	0-0.1 (%)	0.00000 %
Heavy metals	0-0.002 (%)	0.00 %
UV absorption(200 mg/mL , H ₂ O,420nm)	≤0.03	0.02600
Assay (0.1 N hydrochloric acid)(Dry Basis)	99.0-100.5 (%)	99.64000 %
Specific Rotation [α] ₂₀ /D(100 mg/mL, undried, in water)	-17.3~-15.7 (°)	-15.88000 °
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



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QA & QC Manager