

Certificate of Analysis

Date of Testing: 2024-11-09 13:17:45

Date of Next Testing: 2027-11-09 13:17:45

Product Name: **Meglumine**

CAS Number: 6284-40-8

Specifications & Purity: PharmPure™, USP

Lot #: K2408155

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



John Su
QA & QC Manager