

## Certificate of Analysis

Date of Testing: 2024-02-26 13:51:10

Date of Next Testing: 2027-02-25 13:51:10

Product Name: **Meglumine**

CAS Number: 6284-40-8

Specifications & Purity: PharmPure™, USP

Lot #: B2423081

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 <sub>2</sub> O,420nm)                     | ≤0.03                    | 0.02600                  |
| Assay (0.1 N hydrochloric acid)(Dry Basis)                            | 99.0-100.5 (%)           | 99.64000 %               |
| Specific Rotation [α] <sub>20</sub> /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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