

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-12 17:10:16

Date of Next Testing: 2029-03-11 17:10:16

Product Name: **Meglumine**

CAS Number: 6284-40-8

Specifications & Purity: PharmPure™,USP

Lot #: GMB2625616

SKU #: **M774662**

Version: **1**

Analysis #: **667093**

Storage Temperature: Protected from light,Room temperature,Argon charged

Parameter	Limit Values	Result
Assay(Dry base)	99-100.5 (%)	100.14000 %
Melting point	128-131 (°C)	130.90000 °C
Residue on Ignition	0-0.1 (%)	0.03000 %
Loss on drying	0-1 (%)	0.82350 %
Specific Rotation [α] ₂₀ /D(c=10 in H ₂ O)(dry basis)	-17.3~-15.7 (°)	-16.73190 °
Absorbance of solution (5cm; 30%;m/v;water)(at 400 nm)	0-0.1	0.03500
Absorbance of solution (5cm; 30%;m/v;water)(at 450 nm)	0-0.08	0.01500
Absorbance of solution(1cm: 30%;m/v;water)(at 420 nm)	0-0.045	0.00800
Absorbance of solution (1cm; 30%;m/v,water)(at 555 nm)	0-0.05	0.00200
Absorbance of solution (1cm; 20%;m/v,water)(at 420 nm)	0-0.03	0.00500
Chloride (Cl ⁻)	0-90 (ppm)	8.35010 ppm
Sulphate(SO ₄)	0-150 (ppm)	29.45116 ppm
Heavy metals(as Pb)	0-10 (ppm)	0.00000 ppm
Arsenic(As)	0-1 (ppm)	0.00000 ppm
Nickel(Ni)	0-5 (ppm)	0.38880 ppm
Aluminium(Al)	0-5 (ppm)	1.42510 ppm
Iron(Fe)	0-10 (ppm)	0.00000 ppm
Related substances(Ind.)	0-0.25 (%)	0.00000 %
total related substances	0-0.5 (%)	0.00000 %
Methanol(GC)	0-0.2 (%)	0.00250 %
Bacterial endotoxins (LAL-test)	0-1.5 (IU/g)	0.00000 IU/g OR u/g
Absorbance of solution (5cm; 30%;m/v;water)(at 350 nm)	0-0.3	0.22700
Identity (IR)	passes test	Passes test
Identification A (USP)	pass	Pass
Absence of Reducing Substances	Pass	Pass



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Parameter

Appearance of solution(30% m/v;water)

Other residual solvents(ICH Q3C)(excluded by production process)

Limit Values

Clear

Pass

Result

Clear

Pass

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager