

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-21 09:57:14

Date of Next Testing: 2026-07-20 09:57:14

Product Name: **Iron D-gluconate dihydrate**

CAS Number: 22830-45-1

Specifications & Purity: Reagent grade, ≥98%

Lot #: G2213368

SKU #: **I113739**

Version: **0**

Analysis #: **093959**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying(105°C,5h)	6.5-10 (%)	6.90400 %
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	3.7-9.7 (°)	6.69600 °
Fe(Titration by Na ₂ S ₂ O ₃)	10.8-11.8 (%)	11.35000 %
Solubility in H ₂ O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (I113739)	White to to Dark green to tan powder to crystal	White to to Dark green to tan powder to crystal



John Su
QA & QC Manager