

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-18 15:53:27
 Date of Next Testing: 2027-02-17 15:53:27
 Product Name: **Iron D-gluconate dihydrate**
 CAS Number: 22830-45-1
 Specifications & Purity: Reagent grade, ≥98%
 Lot #: B23111027
 SKU #: **I113739**
 Version: **0**
 Analysis #: **151737**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in H ₂ O)	3.7-9.7 (°)	7.87000 °
Loss on drying(105°C,5h)	6.5-10 (%)	8.34323 %
Fe(Titration by Na ₂ S ₂ O ₃)	10.8-11.8 (%)	11.72000 %
Appearance (I113739)	White to to Dark green to tan powder to crystal	White to to Dark green to tan powder to crystal
Solubility in H ₂ O , very faint turbidity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager