

Certificate of Analysis

Date of Testing: 2023-08-07 14:31:30

Date of Next Testing: 2026-08-06 14:31:30

Product Name: **Brucine Sulfate Heptahydrate[for Nitrate Analysis]**

CAS Number: 60583-39-3

Specifications & Purity: ACS reagent

Lot #: G2320439

SKU #: **B475242**

Analysis: 244640

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.80 %
specific rotation [α]20/D(C=1 in water)	-27~-24 (°)	-25.30000 °
Loss on drying	11-14 (%)	12.10 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.02 %
Solubility in hot Water,almost transparency	Pass	Pass
Suitability for Nitrate-analysis	Pass	Pass
Appearance(B475242)	White to Light yellow to Very pale reddish yellow crystalline powder to powder to crystal	White to Light yellow to Very pale reddish yellow crystalline powder to powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager