

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-08-07 14:11:52
 Date of Next Testing: 2026-08-06 14:11:52
 Product Name: **Brucine Sulfate Heptahydrate[for Nitrate Analysis]**
 CAS Number: 60583-39-3
 Specifications & Purity: ACS reagent
 Lot #: G2320434
 SKU #: **B475242**
 Version: **2**
 Analysis #: **244640**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(HPLC area)	98-100 (%)	99.80000 %
specific rotation [α]20/D(C=1 in water)	-27~-24 (°)	-25.30000 °
Loss on drying	11-14 (%)	12.10000 %
Ignition Residue (as sulfate)	0-0.1 (%)	0.02000 %
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



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager