

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-10 16:10:17

Date of Next Testing: 2029-09-09 16:10:17

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

CAS Number: 60583-39-3

Specifications & Purity: $\geq 98\%$ (HPLC)(T)

Lot #: I2502221

SKU # **B152244**

Version **2**

Analysis #: **502330**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1\text{ H}_2\text{O})}$	-27--24 (°)	-25.70000 °
Purity(HPLC)	98-100 (%)	99.60000 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.70000 %
Loss on drying	11-14 (%)	12.10000 %
Appearance (B152244)	White to Light yellow powder to crystal	White to Light yellow powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager