

Certificate of Analysis

Date of Testing: 2023-02-18 08:23:29
Date of Next Testing: 2027-02-17 08:23:29
Product Name: **Brucine Sulfate Heptahydrate [for Nitrate Analysis]**
CAS Number: 60583-39-3
Specifications & Purity: >98.0%(HPLC)(T)
Lot #: B2313204
SKU #: **B152244**
Analysis: **181792**

Parameter	Limit Values	Result
Specific Rotation [a] _D 20/D(c=1 H ₂ O)	-24 ~ -27 (°)	-25.30°
Loss on drying	11-14 (%)	12.10 %
Purity(HPLC)	98-100 (%)	99.80000 %
Purity(Neutralization titration)	97.5-102.5 (%)	100.10 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance (B152244)	Very pale reddish yellow crystalline powder	Very pale reddish yellow crystalline powder



John Su
QA & QC Manager