

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 09:08:41
 Date of Next Testing: 2029-12-23 09:08:41
 Product Name: **γ-Aminobutyric acid (GABA)**
 CAS Number: 56-12-2
 Specifications & Purity: Moligand™, ≥99%
 Lot #: L2516020
 SKU #: **A104200**
 Version: **0**
 Analysis #: **262237**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Chloride (Cl-)	0-400 (ppm)	12.33000 ppm
Heavy metal (as Pb)	0-10 (ppm)	0.25600 ppm
Transmission(C=10, 2 N HCl, 430 nm, 1 cm cell)	95-100 (%)	98.60000 %
Sulfate(SO42-)	0-500 (ppm)	2.14400 ppm
Sulfate Ash	0-0.1 (%)	0.02800 %
Loss on drying	0-0.5 (%)	0.31000 %
Purity(Titration by HClO4)(anhydrous)	98.5-101.5 (%)	98.76000 %
Melting point	196-204 (°C)	196.12000 °C
Appearance (A104200)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , colorless and clear (50mg/ml)	pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager