

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-04 13:18:25
 Date of Next Testing: 2029-08-03 13:18:25
 Product Name: **γ-Aminobutyric acid (GABA)**
 CAS Number: 56-12-2
 Specifications & Purity: Moligand™, ≥99%
 Lot #: G2529025
 SKU #: **A104200**
 Version: **0**
 Analysis #: **550616**
 Storage Temperature: Room temperature, Desiccated, Cool

Parameter	Limit Values	Result
Purity(Titration by HClO ₄)(anhydrous)	98.5-101.5 (%)	99.09000 %
Chloride (Cl-)	0-400 (ppm)	112.00000 ppm
Melting point	196-204 (°C)	202.05000 °C
Heavy metal (as Pb)	0-10 (ppm)	5.30000 ppm
Transmission(C=10, 2 N HCl, 430 nm, 1 cm cell)	95-100 (%)	97.20000 %
Sulfate(SO ₄ 2-)	0-500 (ppm)	151.00000 ppm
Sulfate Ash	0-0.1 (%)	0.03000 %
Loss on drying	0-0.5 (%)	0.23000 %
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 H ₂ O , 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