

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **γ -Aminobutyric acid**
Specifications & Purity: 99%
SKU #: **A104200**

Parameter	Limit Values
Purity(Titration by HClO ₄)(anhydrous)	98.5-101.5 (%)
Chloride (Cl ⁻)	0-400 (ppm)
Melting point	196-204 (°C)
Heavy metal (as Pb)	0-10 (ppm)
Transmission(C=10, 2 N HCl, 430 nm,1 cm cell)	95-100 (%)
Sulfate(SO ₄ ²⁻)	0-500 (ppm)
Sulfate Ash	0-0.1 (%)
Loss on drying	0-0.5 (%)
Appearance (A104200)	White to Off-White Powder or Crystals
Infrared spectrum	Conforms to Structure
Proton NMR spectrum	Conforms to Structure
Solubility in H ₂ O , colorless and clear (50mg/ml)	pass