

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing:	2024-04-10 17:00:43
Date of Next Testing:	2025-04-10 17:00:43
Product Name:	<b>4-Aminobutyric Acid</b>
CAS Number:	56-12-2
Specifications & Purity:	Cosmetic grade
Lot #:	L2117191
SKU #	<b>A293557</b>
<b>Analysis:</b>	<b>341657</b>
Storage Temperature:	Room temperature

Parameter	Limit Values	Result
Assay(Nonaquous titration)	98-102.5 (%)	98.25100 %
PH (10g/100mL H <sub>2</sub> O)	6.5-8	7.28000
Loss on drying	≤2 (%)	1.26 %
(As)Arsenic	≤1 (ppm)	0.48 ppm
Lead(Pb)	≤0.5 (ppm)	0.30 ppm
Ash	≤1 (%)	0.20 %
Transmittance (5g/100mL H <sub>2</sub> O in 600nm)	≥99 (%)	99.18000 %
The total number of colonies	0-100 (cfu/g)	45.00 cfu/g
Molds and yeasts	≤10 (cfu/g)	5.58000 cfu/g
Appearance (A293557)	white to off-white powder or crystal	White to Off-White Powder or Crystals
Staphylococcus aureus	Not detected	Not detected
Pseudomonas aeruginosa	Not detected	Not detected
Fecal coliforms	Not detected	Not detected



John Su  
QA & QC Manager