

## Certificate of Analysis

Date of Testing: 2024-09-18 13:20:12  
Date of Next Testing: 2025-09-18 13:20:12  
Product Name: **4-Aminobutyric Acid**  
CAS Number: 56-12-2  
Specifications & Purity: Cosmetic grade  
Lot #: C2308749  
SKU #: **A293557**  
Version: **1**  
Analysis #: **412041**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Assay(Nonaqueous titration)	98-102.5 (%)	100.20000 %
PH (10g/100mL H <sub>2</sub> O)	6.5-8	7.20000
Loss on drying	≤2 (%)	0.40 %
(As)Arsenic	≤1 (ppm)	0.50 ppm
Lead(Pb)	≤0.5 (ppm)	0.10 ppm
Ash	≤1 (%)	0.01 %
Transmittance (5g/100mL H <sub>2</sub> O in 600nm)	≥99 (%)	99.60000 %
The total number of colonies	0-100 (cfu/g)	79.00 cfu/g
Molds and yeasts	≤10 (cfu/g)	5.00000 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



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

John Su  
QA & QC Manager