



CERTIFICATION OF ANALYSIS

NAME	Gamma-Aminobutyric acid (GABA, γ -Aminobutyric acid)	QUANTITY	850KGs
MFG. DATE	Mar. 24, 2026	BATCH NO.	260324G
EXP. DATE	Mar. 23, 2028	M.F.	C ₄ H ₉ NO ₂
CAS No.	56-12-2	M.W.	103.12

Index	Specification	Test result
Appearance	White to pale yellow crystalline powder	White crystalline powder
Identification	Pass test	Pass test
Content %	99.0	99.56
pH	6.5-7.5	7.19
Appearance of solution	Pass test	Pass test
Ash content $\leq\%$	1.0	0.01
Chloride $\leq\%$	0.02	<0.02
Loss on drying (4h@150°C) $\leq\%$	1	0.12
Total Plate Count \leq cfu/g	1000	<1000
Total Yeast & Mold \leq cfu/g	100	<100
Staphylococcus aureus	Negative	Negative
Salmonella	Negative	Negative
Escherichia Coli	Negative	Negative

Analyst: Bing Liu

Approver: Kai Zhang