

## CERTIFICATE OF ANALYSIS

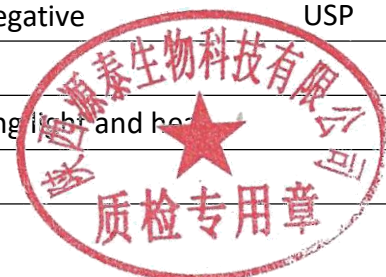
<b>Product Name:</b>	Gamma Aminobutyric Acid (GABA)		
<b>CAS No.:</b>	56-12-2	<b>Manufacture Date:</b>	Feb.26,2024
<b>Packing:</b>	25kg/Drum	<b>Analysis Date:</b>	Feb.26,2024
<b>Quantity:</b>	5000kgs	<b>Expiry Date:</b>	Feb.27,2026

ITEM	STANDARD	TEST RESULT	Method
Appearance	White crystals or crystalline powder	White crystalline powder	Organoleptic
Identification	Chemical	Identification	Chemical
pH	6.5~7.5	7.28	USP
Loss on Drying	≤0.5%	0.37%	USP
Assay	≥99.0%	99.37%	Titration
Melting Point	197°C~204°C	197.5°C~199.0°C	USP
Clarity of Solution	Clear	Clear	USP
Residue on Ignition	≤0.07%	0.04%	USP
Heavy Metals	≤10ppm	<10ppm	USP
Arsenic	≤1ppm	<1ppm	USP
Chloride	≤40ppm	<40ppm	USP
Sulfate	≤50ppm	<50ppm	USP
Ca <sup>2+</sup>	No opalescence	No opalescence	USP
Lead	≤3ppm	<3ppm	USP
Mercury	≤0.1ppm	<0.1ppm	USP
Cadmium	≤1ppm	<1ppm	USP
Total Plate Count	≤1,000cfu/g	30 cfu/g	USP
Mold and Yeast	≤100cfu/g	10 cfu/g	USP
E.Coli	≤10cfu/g	<0.3cfu/g	USP
Salmonella	Negative	Negative	USP

**Conclusion** Conform with specification

**Storage** Store in cool and dry places. Keep away from strong light and heat

**Packing** By 25kgs/Drum, inner by double plastic bag



**Quality Assurance Officer:** Weiqiang Hu

**Corrector:** Kangyu Zou