

# BaseBulk

## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	Gamma-Aminobutyric Acid (GABA)
<b>Manufacturing Date</b>	2024.11.30
<b>Batch Number</b>	1524113006
<b>Retest Date</b>	2028.11.29
<b>Quantity</b>	1000 KGS

### Physical & Chemical Characteristics

Analysis Item	Specification	Result
Appearance	White crystals or crystalline powder	White crystalline powder
Identification	As per AJ192	Conforms
Assay	99.0%–101.0%	99.7%
Transmittance	≥98.0%	98.8%
Chloride (Cl)	≤0.020%	<0.020%
Ammonium (NH <sub>4</sub> )	≤0.020%	<0.020%
Sulfate (SO <sub>4</sub> )	≤0.048%	<0.048%
Iron (Fe)	≤30 ppm	<30 ppm
Loss on Drying	≤0.50%	0.12%
Residue on Ignition	≤0.10%	0.06%
pH Value	7.0–8.0	7.20
Other amino acids	Not detectable	Conforms

### Heavy Metals

Analysis Item	Specification	Result
Lead (Pb)	≤10 ppm	<10 ppm
Arsenic (As <sub>2</sub> O <sub>3</sub> )	≤2 ppm	<2 ppm

### Microbiological Tests

Analysis Item	Specification	Result
Total Plate Count	≤1000 CFU/g	<1000 CFU/g
Yeast & Mold	≤100 CFU/g	<100 CFU/g
Coliforms	In 25 g n.d.	Conforms
Salmonella	In 25 g n.d.	Conforms
Staphylococcus aureus	In 25 g n.d.	Conforms

Escherichia coli	Negative	Conforms
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Conclusion: This product meets the requirements of AJ192 standard, so it is a qualified product.

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