



# BLOOMAGE BIOTECHNOLOGY CORP., LTD.

NO.678 TIANCHEN ST.,HIGH-TECH DEVELOPMENT ZONE,

JINAN,CHINA 250101

## CERTIFICATE OF ANALYSIS

21-E072802

Product name: Food Grade Gamma Aminobutyric Acid      Standard: HX/ZL-001-051  
Batch No.: 21071932      Production date: July 19, 2021  
Quantity: 225.55 kg      Expiry date: July 19, 2024

Items	Standard	Results
1. Characters	White or almost white crystal or powder,has the unique flavor and no peculiar smell	Complies
2. Identification	Complied with the reference spectrum of aminobutyric acid	Complies
3. pH	6.5~8.0	7.1
4. Moisture	≤3.0%	0.4%
5. Arsenic	≤1.0 mg/kg	<1.0 mg/kg
6. Lead	≤0.5 mg/kg	<0.5 mg/kg
7. Ash	≤2.0%	0.005%
8. Total bacterial count	≤500 cfu/g	Complies
9. Mold & Yeast	≤50 cfu/g	Complies
10. Coliforms	≤30 MPN/100g	Complies
11. Staphylococcus aureus	Negative	Negative
12. Salmonella	Negative	Negative
13. Shigella	Negative	Negative
14. Gamma aminobutyric acid	≥98.0%	99.6%

Conclusion: up to the standard

QA Manager:  2021.07.28

Reviewed by:  2021.07.28

Reported by:  2021.07.28