



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