

CERTIFICATE OF ANALYSIS

Product Name	γ-aminobutyric acid		
Batch Number	20230415	Manufacture Date	20230415
Report Date	20230415	Expiry Date	20250414

Item of Analysis	Quality standard	Inspection Data	Result
Determination of content	≥98.0%	99.3%	Confirmed
Description	White to white crystalline powder; It has the unique flavor of the product. There should be no moldy deterioration and odor.	White crystal, which has the unique flavor of the product, has no moldy and metamorphic properties.	Confirmed
Acidity and Alkalinity (5% aqueous solution)	6.0~8.0	6.4	Confirmed
Loss on drying	≤1.4%	0.1%	Confirmed
Residue on ignition	≤0.5%	0.1%	Confirmed
Heavy Metals	≤10ppm	<10ppm	Confirmed
Total arsenic	≤2ppm	<2ppm	Confirmed
Total Plate count	≤1000cfu/g	20cfu/g	Confirmed
Molds and Yeast	≤100cfu/g	<10cfu/g	Confirmed
Conclusion	According to in house standard(Q/LEKS001-2018), Result, PASS		

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.