

Specification

Product Name: GreenGABA99™ / Gamma - Aminobutyric Acid (Fermentation)	
CAS Number: 56-12-2	Source: Fermentation
Molecular Formula: C ₄ H ₉ NO ₂	Molecular Weight: 103.12

Item	Specifications	Test Method
Appearance	White crystals or crystalline powder	Organoleptic
Identification	As per AJI92	AJI92
Assay	99.0%~101.0%	AJITEST14
Transmittance	≥98.0%	AJITEST2
Chloride (Cl)	≤0.020%	AJITEST3
Ammonium (NH ₄)	≤0.020%	AJITEST4
Sulfate (SO ₄)	≤0.048%	AJITEST5
Iron (Fe)	≤30 ppm	AJITEST6
Heavy metals	≤10 ppm	AJITEST7
Arsenic (As ₂ O ₃)	≤1 ppm	AJITEST8
Lead (Pb)	≤3ppm	GB 5009.12-2017
Mercury	≤0.1ppm	GB 5009.17-2014
Cadmium	≤1ppm	GB 5009.15-2014
Loss on drying	≤0.50%	AJITEST11
Residue on ignition	≤0.10%	AJITEST13
pH value	7.0~8.0	AJITEST33
Other amino acids	Not detectable	AJITEST9
Total plate count	≤ 1000cfu/g	GB 4789.2-2016
Yeast&Mould	≤ 100cfu/g	GB 4789.15-2016
Coliforms	In 25 g n.d.	GB 4789.3-2016
Salmonella	In 25 g n.d.	GB 4789.4-2016
<i>Staphylococcus aureus</i>	In 25 g n.d.	GB 4789.10-2016
<i>Escherichia coli</i>	Negative	GB 4789.38-2016
Shelf life	The shelf life for the product is 24 months from date of production. Use it as soon as possible once it is opened.	
Storage	25 kg/drum. Store in unopened original package under clean and dry condition, away from sunlight.	