

## Gamma aminobutyric acid (GABA)

### Product SPECIFICATION

<b>Product Name</b>	Gamma aminobutyric acid (GABA)
<b>INCI Name</b>	4-aminobutyric acid
<b>EINECS Number</b>	200-258-6
<b>CAS Code</b>	56-12-2

<b>Appearance</b>	White crystals or crystalline powder
<b>Identification</b>	Chemical
<b>pH</b>	6.5~7.5
<b>Loss on Drying</b>	≤0.5%
<b>Assay</b>	≥99.0%
<b>Melting Point</b>	197°C~204°C
<b>Residue on Ignition</b>	≤0.07%
<b>Clarity of solution</b>	Clear
<b>Heavy metals</b>	≤10ppm
<b>Arsenic</b>	≤1ppm
<b>Chloride</b>	≤40ppm
<b>Sulfate</b>	≤50ppm
<b>Iron</b>	≤10ppm
<b>CA2+</b>	No opalescence
<b>Lead</b>	≤3ppm
<b>Mercury</b>	≤0.1ppm
<b>Cadmium</b>	≤1ppm
<b>Total Plate Count</b>	≤1000 cfu/g
<b>Yeast &amp; Mold</b>	≤100 cfu/g
<b>E.Coli</b>	Negative
<b>Salmonella</b>	Negative
<b>Staphylococcus aureus</b>	Negative
<b>Enterobacteriaceae</b>	Negative

### GENERAL PRODUCT INFORMATION

Mesh of the product	15-25
Taped density	0.55-0.65 g/ml
Bulk density	0.5-0.6 g/ml
Water solubility	Soluble in water
Origin (Synthesis, Fermentation)	Synthetic
Is the product and their ingredients FREE of GLUTEN?	Yes
Product is suitable for Vegans	Yes
Product is suitable for Vegetarians	Yes
Product is free of fructose	Yes
Is this product suitable for food?	Yes
Can be the product used in baby food (According to Directive 2006/141/CE)?	Yes
Has been sold this product in the EU before May 1997?	No
Pharmacopoeias that product meets	Inhouse standard
Drug indication	Treat unsteadiness of spirit, Detract blood pressure, ameliorate hypertension, Help to stabilize emotion
Melting Point	197 °C - 204°C
Country of the raw material/s	China
Storage conditions (In the warehouse)	Store in well ventilated area. Keep container tightly closed.