



Specialized in chemicals

Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center,
Qianshan Rd. Hefei 230022 China

Tel : (0086) 551 65418678

Fax: (0086) 551 65418697

Email: info@tnjchem.com

Site: www.tnchem.com

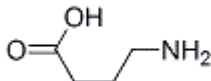
Technical Data Sheet

4-Aminobutyric acid

Product Information

Chemical Name	4-Aminobutyric acid
CAS #	56-12-2
Formula	C ₄ H ₉ NO ₂
Molecular Weight	103.12
Synonyms	4-AMINOBTYRIC ACID

Chemical Structure



Physical Properties

White crystalline powder; deliquescence; slight odor, easily soluble in water, slightly soluble in ethanol, insoluble in ethanol, ether and benzene

Specification

Items	Specification	Results
Appearance	White crystal or crystal powder	Confirms
Identification	Chemical	Positive
PH	6.5-7.5	7.43
Loss on drying	≤0.5%	0.13%
Assay	≥99%	99.33%
Melting point	197-204 °C	197.5-199.0C
Residue on ignition	≤0.07%	0.03%
Clarity of solution	Clear	Clear

Heavy metals	≤10ppm	<10ppm
Arsenic	≤1ppm	<1ppm
Chloride	≤40ppm	<40ppm
Sulfate	≤50ppm	<50ppm
Iron	≤10ppm	<10ppm
Ca ²⁺	No opalescence	No opalescence
Lead	≤3ppm	<3ppm
Mercury	≤0.1ppm	<0.1ppm
Cadmium	≤1ppm	<1ppm
Total plate count	≤1000Cfu/g	30Cfu/g
Yeast & mold	≤100Cfu/g	20Cfu/g
E.Coil	Negative	Negative
Salmonella	Negative	Negative

Applications

- 1.For biochemical studies, medicine for the treatment of hepatic coma and cerebral Vascular disorders caused by a variety of diseases;
- 2.Pharmaceutical intermediate. 4- amino acid has the effect of reducing blood lipid in The treatment and prevention of various types of hepatic coma;
- 3.It can reduce blood ammonia, promote brain metabolism.

Packaging

25kgs per fiber drum
9tons/20”FCL

Storage

Store in a cool, dry place. Keep container closed when not in use.

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Hefei TNJ Chemical Industry Co.,Ltd.

B911 Xincheng Business Center
Qianshan Road, Hefei
230022 Anhui
China

Tel : (0086) 551 5418695
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Site: www.tnjchem.com