

Beta-alanine

Features of Beta-alanine

- Product Name: Beta-alanine
- Chemical Formula: C₃H₇NO₂
- CAS No.: 107-95-9
- Dangerous Grade: None

Technical Data of Beta-alanine

ITEMS	SPECIFICATIONS
Appearance	White crystals or crystalline powder
Assay %	98.0-101.1
Water solubility	44g/100g (20°C)
Melting Point °C	197-202
PH value	6.5-7.5
Transmittance %	≥95.0
Loss on drying %	≤0.2
Residue on ignition %	≤0.2
Chloride (Cl) %	≤0.04

Sulfate (SO ₄)	%	≤0.048
Ammonium (NH ₄)	%	≤0.02
Iron (Fe)	%	≤30 ppm
Heavy Metals (Pb)		≤10 ppm
Arsenic (As ₂ O ₃)		≤2 ppm

- Package and Storage:
- 25kg/drum
- Store in a cool, dry place. Store in a tightly closed container.

Beta-alanine Application /Application Industries:

- API intermediates: eg. VB5, Carnosine, Pamidronate, Balsalazide
- Food/feed additives
- As electroplating corrosion inhibitors and biochemical reagents.

The mission in NCMC is to be a bridge connecting dreams between China market and our partner in other countries, on the principle of equality, mutual benefit and win-win cooperation.