



Specialized in chemicals

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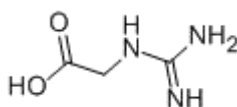
Technical Data Sheet

Guanidineacetic acid

Product Information

Chemical Name	Guanidineacetic acid
CAS #	352-97-6
Formula	C3H7N3O2
Molecular Weight	117.11
Synonyms	N-GUANYLGLYCINE; N-Amidinoglycin

Chemical Structure



Description

White to slight beige fine crystalline powder.

Physical Properties

Appearance.	White to slightly beige fine crystalline powder
Melting point, °C	300 °C(lit.)
solubility	6 M NaOH : 50 mg/mL, clear, colorless

Specification

Item	Standard
Appearance	White crystalline powder
Content:	99.0% min
Loss on drying	0.5%max
Heavy metal	10ppm max
AS:	1ppm max
Mercury	0.1 ppm Max
Cadmium	1 ppm Max
Restdue on ignition	0.1% max

Total plate Count	10cfu/gm Max
Yeast and Mold	Negative
Staphylococcus Aureus	Negative
E Coli & Salmonella:	Negative
Bulk Density	0.40-0.45g/ml
Compacted Density	0.7-0.75g/ml

Safety

Causes skin irritation.
Causes serious eye irritation.
Always refer to the Material Safety Data Sheet (MSDS)

Applications

Used as food additives , intermediates in organic synthesis.

Packaging

25kg/drum

Storage & Handling

Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Always refer to the Material Safety Data Sheet (MSDS) for detailed information on handling and disposal.

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