

About this item

Boiling Pt:325 °C (1013 hPa)

Melting Pt:160 °C

Density:1,538 g/cm³ (20 °C)

Storage Temperature:Ambient

EINECS:200-293-7

CAS Number:56-86-0

Formula:HO₂CCH₂CH₂CH(NH₂)CO₂H

MDL Number:MFCD00002634

Specifications

Pack type:	Glass bottle for solids
Pk:	1 kg

Seq:	4024
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Specification Test Results

EP/BP - Identification A:	Passes Test
EP/BP - Identification B:	Passes Test
EP/BP - Assay (C ₅ H ₉ NO ₄) (dried basis):	98.5 - 100.5 %
EP/BP - Appearance of Solution:	Passes Test
EP/BP - Specific Rotation [α] ²⁰ D (+):	30.5 - 32.5 Degree
EP/BP - Ninhydrin-Positive Substances:	Passes Test
EP/BP - Chloride (Cl):	≤200 ppm
EP/BP - Sulfate (SO ₄):	≤300 ppm
EP/BP - Ammonium (NH ₄):	≤200 ppm
EP/BP - Iron (Fe):	≤10 ppm
EP/BP - Loss on Drying:	≤0.5 %
EP/BP - Ash (sulfated):	≤0.1 %
USP - Assay (C ₅ H ₉ NO ₄) (dried basis):	98.5 - 101.5 %

USP - Residue on Ignition:	≤0.1 %
USP - Chloride (Cl):	≤0.02 %
USP - Sulfate (SO ₄):	≤0.02 %
USP - Iron (Fe):	≤10 µg/g
USP - Related Compounds - Individual Impurities:	≤0.5 %
USP - Related Compounds - Total Impurities:	≤2.0 %
USP - Specific Rotation [α] ²⁰ D (+):	31.5 - 32.5 Degree
USP - Loss on Drying at 105°C:	≤0.1 %
USP - Identification:	Passes Test
Endotoxin Concentration, EU/g:	≤3.0
No Class 1,2,3 or other solvents are used or produced in the:	≤ 0.1 %
manufacturing or purification of the product.:	Passes Test