

Product Specification

Product Name
Compendia
USP/JP/DAB
CAS #
56-85-9
Formula
CsH10N2O3
Molecular Weight
146.14

Description White crystals or crystalline powder;

slightly characteristic taste.

Solubility Freely soluble in formic acid, soluble in water,

practically insoluble in ethanol (99.5).

Identification Compare the infrared absorption spectrum

of the sample with that of the standard by

potassium bromide disc method.

 H_2N OH OH

Test

Specification

Specific Rotation @ 20°C +31.5 to 33.0° [Dried sample, C=10, 2 mol/L HCl] **Specific Rotation @ 20°C** +6.3 to 7.3° [Dried sample, C=4, H₂O, Warming at 40°C] **State of Solution** Clear and Colorless; Not less than 98.0%

Chloride (Cl)

Ammonium (NH4)

Sulfate (SO4)

Iron (Fe)

Heavy Metals (Pb)

Arsenic (As2O3)

Not more than 0.020%

Not more than 10ppm

Not more than 10ppm

Not more than 10ppm

Related Substances Conforms

Loss on DryingNot more than 0.30%Residue on ignition (Sulfated)Not more than 0.10%Assay99.0 to 101.0%pH4.5 to 6.0

Endotoxin Less than 50.0 EU/g