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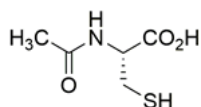
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications



Catalogue Number	46513
Product	Acetyl-L-cysteine, from Non-animal source Ac-L-Cys-OH (<i>R</i>)-2-Acetamido-3-mercaptopropionic acid
CAS Number	616-91-1
Molecular Formula	C ₅ H ₉ NO ₃ S
Molecular Weight	163.2

Appearance	White crystalline powder
Heavy Metals	≤ 20 ppm
Anion	Chloride : ≤ 0.040% Sulfate : ≤ 0.030%
Cation	Ammonium : ≤ 0.020% Iron : ≤ 5 ppm Arsenic : ≤ 2 ppm
pH	2.0 – 2.8
Optical Rotation	[α] _D ²⁰ = 21 - 27 °
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.6%
Residue On Ignition	≤ 0.20%
Assay	≥ 98%
Grade	Japanese Standards of Quasi-drug Ingredients
Storage	Store at RT
Additional Information	State of solution : Clear and colorless

For Laboratory Use Only