

Product Datasheet

GE7278 - N-Acetyl-L-cysteine, USP

grade

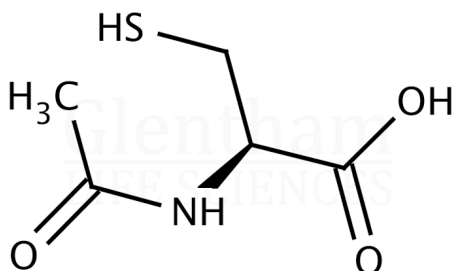
Product Details

Product Name	N-Acetyl-L-cysteine, USP grade
Glenthams Code	GE7278
CAS Number	616-91-1
EINECS	210-498-3
MDL Number	MFCD00004880
Related Categories	Biochemicals, Reagents for Cell Culture, Reagents for Western Blotting

Physical Description	: White to almost white crystalline powder
Identification (IR)	: To conform to standard
Specific Optical Rotation ([α] _D ²⁰)	: +21.0 - +27.0 ° (c=1.25, pH 7.0 buffer)
pH (1% in water)	: 2.0 - 2.8
Loss on Drying	: ≤ 1.0% (70°C, vac., 4h)
Residue on Ignition	: ≤ 0.5%
Heavy Metals	: ≤ 10ppm
Assay (HPLC)	: 98.0 - 102.0 % (dried basis)
Pharmacopoeia Specification(s)	: USP
Version	: v1.0

Structure

Molecular Weight	: 163.20
Molecular Formula	: C ₅ H ₉ NO ₃ S



About N-Acetyl-L-cysteine, USP grade

No further details on record.

Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025