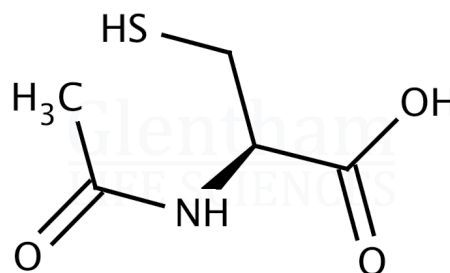


Product Specification

Product Name	N-Acetyl-L-cysteine, USP grade
Glentham Code	GE7278
CAS Number	616-91-1
EINECS	210-498-3
Numéro MDL	MFCD00004880
Molecular Weight	163.20
Molecular Formula	$C_5H_9NO_3S$
Storage Temp.	+20°C



Property	Specification
Physical Description	White to almost white crystalline powder
Identification (IR)	To conform to standard
Specific Optical Rotation ($[\alpha]_{20/D}$)	+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

Specification Version	- v1.0
Date Created	- 2021-03-14

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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