

## Product Datasheet

### GE7278 - N-Acetyl-L-cysteine, USP grade

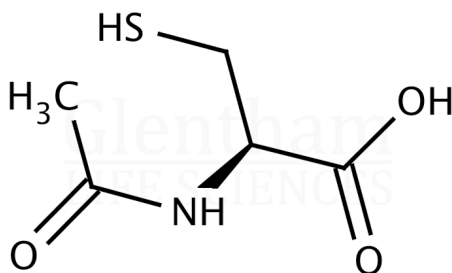
#### Product Details

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] <sub>20/D</sub> )	: +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<sub>5</sub>H<sub>9</sub>NO<sub>3</sub>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

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