

Product Datasheet

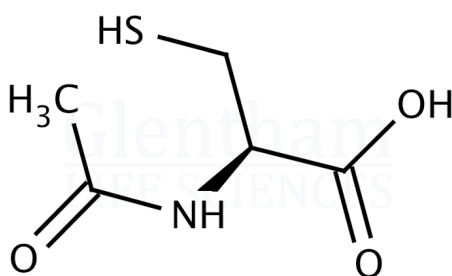
GM8803 - N-Acetyl-L-cysteine

Product Details

Product Name	N-Acetyl-L-cysteine
Glenthams Code	GM8803
CAS Number	616-91-1
EINECS	210-498-3
Numéro MDL	MFCD00004880
PubChem SID	310265502
Related Categories	Biochemicals, Reagents for Cell Culture, Reagents for Western Blotting

Structure

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



Physical Description	: White crystalline powder or colourless crystals
Identification	: According to EP
Solubility (5% in water)	: Clear, colourless solution
Specific Optical Rotation	: +21.0 - +27.0 °
pH	: 2.0 - 2.8
Related Substances	: Any Specified Impurity: ≤ 0.5%
	: Total Impurities: ≤ 0.5%
Heavy Metals	: ≤ 10ppm
Zinc (Zn)	: ≤ 10ppm
Loss on Drying	: ≤ 1.0%
Sulphated Ash	: ≤ 0.2%
Lead (Pb)	: ≤ 3ppm
Arsenic (As)	: ≤ 1ppm
Mercury (Hg)	: ≤ 0.1ppm
Cadmium (Cd)	: ≤ 1ppm
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: EP
Version	: v1.1

About N-Acetyl-L-cysteine

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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