

Technical Information

N-Acetyl-L-Cysteine (From non-animal source)

Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications

Product Code:TC1054M

Product Information

Product Code	: TC1054M
Product Name	: N-Acetyl-L-Cysteine (From non-animal source) Meets USP 41-NF 36, EP 9.0, JP 17 and BP 2016 testing specifications
Synonym	: 2-Acetamido-3-mercaptopropionic acid
Molecular Formula	: $C_5H_9NO_3S$
Molecular Weight	: 163.19
CAS No.	: 616-91-1

Technical Specification

Appearance	: Colorless or white to off-white crystals or crystalline powder.
Solubility	: Soluble in water.
Minimum assay (NaOH Titration/ Iodimetry)	: 98.00%
pH (1 % in water at 25°C)	: 2.0 - 2.8
Specific rotation(c = 5% in phosphate buffer pH 7)	: +21.0° to +27.0°
Melting range	: 106 - 113°C
Cell Culture Test	: Passes test.

Risk And Safety Information

WGK	: 2
RTECS	: HA1660000
Storage Temperature(°C)	: Store at 2 - 8°C

Transport Information

Marine Pollutant	: No
ADR/RID	: Not Dangerous Goods
IMDG	: Not Dangerous Goods
IATA	: Not Dangerous Goods

**Animal Cell
Culture Tested**



Product Specification

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Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
- The product conforms solely to the technical information provided in this booklet and to the best of knowledge research and development work carried at **CDH** is true and accurate.
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