

1143 – N-ACETYL-L-CYSTEINE

REF NO: TBL/QA/SS/LC/1143	STANDARD SPECIFICATION FOR N-ACETYL-L-CYSTEINE	Rev. No: 03
Issue No: 04		Review Date: 28/10/2024
Issue Date: 29/10/2021		Product code: 1143

PRODUCT PROPERTIES

C.A.S Number	616-91-1
Chemical Formula	C ₅ H ₉ NO ₃ S
Formula weight	163.20
Functional Uses	N-Acetyl-L-cysteine has been used as a component of intestinal basal medium for the culture of mouse intestinal stem cells and also as a component of expansion medium.
Standard Packaging	5gm, 25 gm.& 100 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White color crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting point	110 - 112°C
Specific rotation[α] _{20D}	+ 21.3 to 27.0
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

