

TECHNICAL DATA SHEET

Product code 010015
 Product N-Acetyl-L-Cysteine
 Specification 98.0%~101.0% HPLC
 CAS Number 616-91-1

Item	Specification
Characters	A white crystalline powder or colorless crystals, freely soluble in water and in alcohol, practically insoluble in methylene chloride
Infrared Spectrum	Compares to standard
Specific Rotation [α] D20°	+21.0° ~ +27.0°
Identification reaction	A dark violet color develops
Melting point	104°C ~ 110°C
Appearance of solution	Clear and colorless
PH	2.0~2.8
Zinc	≦ 10ppm
Heavy metals (Pb)	≦ 10ppm
N,S-Diacetyl-L-Cysteine	≦ 0.5%
N,N-Diacetyl-L-Cysteine	≦ 0.5%
L-Cystine	≦ 0.5%
L-Cysteine	≦ 0.5%
Non Identified Impurities	≦ 0.5%
Sum of Impurities	≦ 0.5%
Loss on drying	≦ 1.0%
Residue on ignition	≦ 0.2%
Assay	98.0% ~ 101.0%

Net weight: 25Kg/Drum

Gross weight: 27.5Kg±0.5/Drum

24 months under in a well-closed container and away from moisture, light, oxygen.