



Molekula Limited
Lingfield Way
Darlington
County Durham
DL1 4XX
United Kingdom
+44 (0) 3302 000333
info@molekula.com

Specification

Technical Data Sheet

Product Name	N-Acetyl-L-cysteine
Product No	11557293
CAS Number	616-91-1
Storage Temperature	2 to 8 °C
Molecular Weight	163.1949

	Specification
Melting Point	106 - 112°C
Specific rotation	+21° - +25°
Heavy metals	<10ppm
Arsenic	<1ppm
pH	2.0 - 2.8
Loss on Drying	max 1.0%
Sulfate	<0.03%
Assay	98% min
Iron	<20ppm
Residue on Ignition	max .5%
Ammonium	<0.02%
Cl	<0.04%
Appearance	White crystalline powder
State of Solution	>98%