

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **N-Acetyl-L-Cysteine**
Specifications & Purity: for cell culture, $\geq 99.0\%$
SKU #: **A105422**

Parameter	Limit Values
Water by Karl Fischer	0-0.3 (%)
Appearance (A105422)	White to Off-White Crystals or powder or crystalline powder
Cell Culture Test	pass
Infrared spectrum	Conforms to Structure
Solubility in H ₂ O , clear , colorless , 100 mg plus 1 ml of water	pass
Melting point	106-113 (°C)
Specific Rotation $[\alpha]_{20}^D(c=2 \text{ in H}_2\text{O})$	4.5-6.5 (°)
Purity(Titration by Iodine)	98.5-102.5 (%)