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Certificate of Analysis

Product Information

Product Name	N-Acetyl-L-Cysteine	Report Number	NAC20210946
Batch Number	NAC210922	Manufacture Date	2021/07/22
Batch Quantity	500Kg	Expiry Date	2023/09/20

<i>Test items</i>	<i>Specifications</i>	<i>Result</i>
Assay	98.5% ~ 101.0%	99.52%
Appearance	White Crystalline Powder	Conforms
Specific Optical Rotation	+ 21.3° ~ +27.0°	+23.4°
State of solution (Transmittance)	≥98.0%	Conforms
Loss on Drying	≤0.5%	0.13%
Residue on ignition	≤0.2%	0.05%
Chloride(Cl)	≤0.04%	Conforms
Ammonium(NH ₄)	≤0.02%	Conforms
Sulfate(SO ₄)	≤0.03%	Conforms
PH	2.0 ~ 2.8	2.5
Heavy Metal	≤10.0 ppm	Conforms
Iron (Fe)	≤20.0ppm	Conforms
Arsenic (As)	≤1.0ppm	Conforms
Other Amino Acids	Chromatographically	Conforms

Conclusion

Conclusion	To be complied with in-house Specification and AJI92 Standard.
Shelf Life	2 years when properly stored.
Storage	Store in cool & dry place, not freeze. Keep away from strong light.

Tested by: 张丽娟

Checker: 李明

Approved:

