



## Certificate of Analysis

Product name : N-Acetyl-L-Cysteine  
Batch number : 100401  
Manufacturing date : Apr. 02, 2010  
Expiry date : Apr. 01, 2011

TESTS	STANDARDS	RESULTS
Description	White crystals or crystalline powder	Complies
Identification	IR conforms to standard	Complies
Specific rotation	+21° ~ +27°	+24.0°
pH	2.0~2.8	2.6
Loss on drying	NMT 1.0%	0.3%
Residue on ignition	NMT 0.5%	0.27%
Heavy metals	NMT 0.001%	Complies
Organic volatile impurities	Meets the requirements	Complies
Residual solvents	Meets the requirements	Complies
Assay	98.0~102.0%	99.6%

Conclusion : The product meets the requirement of USP30