



AnMar International Ltd.

540 Barnum Avenue
PO Box 2343
Bridgeport, CT 06608

Tel: 203-336-8330

Fax: 203-336-5508

www.anmarinternational.com

SPECIFICATION SHEET

N-ACETYL L-CYSTEINE

Item Code: 113A

Country of Origin: China

Updated: August 2012

TEST ITEMS	SPECIFICATIONS	TEST METHODS
Identification	Same as Ref. Standard	USP<197K> IA
Specific Rotation	+ 21.0 ~ + 27.0°	USP<781S>
pH	2.0 ~ 2.8	USP<791>
Loss on drying	≤1.0%	USP<731>
Residue on Ignition	≤0.5%	USP<281>
Heavy metals	≤15 ppm	USP<231>
Organic Volatile Impurities	Same as Ref. Standard	USP<467> Method I
Assay	98.5% - 101.5%	Titration
Mesh size	100% through 60 mesh	Screen analysis
Conclusion	Conforms to USP31 standards	
Shelf Life:	2 years under normal storage conditions	
Packing:	In drums of 25 kgs	

Gayathri Vasudevan

Gayathri Vasudevan
Manager, Quality Assurance & Regulatory