Trafa Pharmaceutical Inc.
140 Padgette Street, Unit D
Chicopee, MA 01022, USA
Tel: 1-866-99-Trafa (87232) FAX: 1-800-627-1880
Sales@TrafaPharma.com www.TrafaPharma.com

SPECIFICATION SHEET

Product Name	N-ACETYL L-CYSTEINE	
Country of Origin	China	
ITEMS	**SPECIFICATIONS**	**METHODS**
Description	White crystals or crystalline powder	Visual
Identification	Conforms to IR spectrum	IR
Specific Rotation	$+21.0^0 \sim +27.0^0$	USP <781S>
Assay (Dried Basis)	98.5 – 102.0%	USP
PH	2.0 ~ 2.8	USP <791>
Loss on Drying	≤1.0%	USP <731>
Residue on Ignition	≤0.5%	USP <281>
Heavy Metals	≤10 ppm	USP<231>
Arsenic	≤1 ppm	AFS
Lead	≤0.5 ppm	AFS
Cadmium	≤0.8 ppm	AFS
Mercury	≤0.5 ppm	AFS
Residual Solvents	Meets USP Requirement	USP
Particle Size	Report Only	Sieve
MICROBIAL		
Total Plate Count	≤1,000 cfu/g	CP 2010
Yest & Mold	≤100 cfu/g	CP 2010
Coliforms	≤10 cfu/g	CP 2010
E.Coli	Negative	CP 2010
Salmonella	Negative	CP 2010
S. Aureus	Negative	CP 2010
Pseudomonas	Negative	CP 2010

Conclusion: This product conforms to USP38 standard.
Packaging: Net weight 25 kg per fiber drum.
Storage: Keep in a sealed container and under 25^0C. Keep away from direct sunlight and moisture.

Note: The above information is based on the certificate of analysis received from the manufacturer of this product and not intended as a substitute for strict quality control analysis by the purchaser of this product.

Reviewed by : _____
Abdullah Malik (QA)