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Specification Sheet

Niacinamide Ascorbate

ORIGIN: Canada

Test	Specification	Method
Assay:		
Ascorbic Acid	NLT 69.00 %	UPLC-PDA
Niacinamide	NLT 24.50 %	UPLC-PDA
Appearance	White Crystalline Powder	Visual
Identification	The IR Absorption spectrum is concordant with the spectrum of reference standard	IR Spectrometer
Moisture	NMT 0.5 %	Electrobalance
pH	3.00 – 5.00 pH	pH meter
Mesh Size:		
Mesh 20	90.00-100.00 % through	Ro-tap
Mesh 60	60.00-100.00 % through	Ro-tap
Mesh 140	10.00-80.00 % through	Ro-tap
Tap density	0.70 - 1.20 g/ml	Auto-tap
Heavy Metals:		
Arsenic (As)	NMT 1.00 ppm	ICP-MS
Cadmium (Cd)	NMT 1.00 ppm	ICP-MS
Lead (Pb)	NMT 1.00 ppm	ICP-MS
Mercury (Hg)	NMT 0.10 ppm	ICP-MS
Microbiological:		
Total plate count	NMT 3000 CFU /g	BAM 8th ed
Mold/Yeast	NMT 300 CFU /g	BAM 8th ed
Coliform	NMT 100 CFU /g	BAM 8th ed
E.coli	NMT 10 CFU/g	BAM 8th ed
Staph	NMT 10 CFU/g	BAM 8th ed
Enterobacteriaceae	NMT 10 CFU/g	AOAC 2003.01

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)