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SPECIFICATION SHEET

Product Name:	Magnesium Ascorbate 20%	
Analysis Item	**Specification**	**Test Method**
Active Ingredients		
Ascorbic Acid	58.00 - 68.00%	UPLC-PDA
Magnesium	20.00 - 22.00 %	ICP-OES
Physical Control		
Color	White to off white	Visual
Mesh 20	90.00 - 100.00%	Ro-tap
Mesh 60	25.00 - 100.00%	Ro-tap
Mesh 140	NMT 40.00%	Ro-tap
Tap density	0.60 - 1.40 g/ml	Auto Tap
Moisture	NMT 6.00%	Electrobalance
Chemical Control		
Arsenic (As)	NMT 1.00 ppm	ICP-MS
Cadmium (Cd)	NMT 1.00 ppm	ICP-MS
Lead (Pb)	NMT 3.00 ppm	ICP-MS
Mercury (Hg)	NMT 0.20 ppm	ICP-MS
Heavy Metals	NMT 10.00 ppm	ICP-MS
Microbiological Control		
Total plate count	NMT 3,000 cfu/g	BAM 8th ed
Yeast	NMT 300 cfu/g	BAM 8th ed
Mold	NMT 300 cfu/g	BAM 8th ed
Coliforms	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)