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SPECIFICATION SHEET

Product Name	Magnesium Orotate 99%	
TESTS	**SPECIFICATION**	**TEST PROTOCOL**
ASSAY		
Magnesium Orotate	98%~101%	ICP-OES
Magnesium	7% ~ 9%	ICP-OES
PHYSICAL CONTROL		
Color	White	Visual
Mesh 20	90-100%	Ro-tap
Mesh 60	20-100%	
Mesh 140	<90%	
Tap Density	0.5-1g/ml	AutoTap
Moisture	<6.0%	Electrobalance
CHEMICAL CONTROL		
Lead (Pb)	≤3ppm	ICP-MS
Arsenic (As)	≤1ppm	
Cadmium (Cd)	≤0.3ppm	
Mercury (Hg)	≤0.1ppm	
MICROBIOLOGICAL CONTROL		
Total plate Count	≤3000cfu/g	BAM 8th Ed
Mold	≤100cfu/g	
Yeast	≤100cfu/g	
Coliform	≤100cfu/g	
E.Coli	≤10cfu/g	
Staphylococcus	≤10cfu/g	
Enterobacteriaceae	≤10cfu/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)