



A FAMILY OF SOLUTIONS
 J.M. Huber Micropowders, Inc.
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CERTIFICATE OF ANALYSIS



OsCAL[®] OYSTER SHELL GRANULATION

ASSAY	METHOD	SPECIFICATION	RESULT
CHEMICAL ANALYSIS:			
Calcium Carbonate	Modified USP28	87.0% - 90.6%	88.2%
Lead	ICP-MS	NMT 0.4 ppm	0.218 ppm
MICROBIOLOGICAL TESTING:			
Enterobacterial Count	USP <2021>	NMT 10 CFU/g	<10 CFU/g
Escherichia Coli	USP <2022>	Negative	Negative
Pseudomonas species	USP <61>	Negative	Negative
Salmonella species	USP <2022>	Negative	Negative
Staphylococcus aureus	USP <2022>	Negative	Negative
Total Aerobic Count	USP <2021>	NMT 3000 CFU/g	<10 CFU/g
Total Combined Yeast & Mold	FDA - BAM	NMT 300 CFU/g	<10 CFU/g
PHYSICAL PROPERTY TESTING:			
Loss on Drying	Huber Method BC1.005	NMT 2.0%	0.99%
Loose Bulk Density	Huber Method BC1.006	0.8 - 1.1 g/ml	0.85 g/ml
Pack Bulk Density	Huber Method BC1.007	NLT 0.90 g/ml	0.98 g/ml
Particle Size			
% On #16 Mesh Screen	Huber Method BC1.001	0%	0
% On #60 Mesh Screen	Huber Method BC1.002	65.0% - 85.0%	79.5%
% Through #100 and on 200 Mesh Screen	Huber Method BC1.002	NMT 10.0%	5.2%
% Through 200 Mesh Screen	Huber Method BC1.002	NMT 5.0%	2.9%