

CERTIFICATE OF ANALYSIS

Product Name	Pearl Powder		
Batch Number	20211224	Manufacture Date	20211224
Report Date	20211224	Expiry Date	20241223

Item of Analysis	Specification	Results	Test Methods
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	White powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Calcium (as CaCO ₃)	min 90%	93%	CP2015
Amino acids	min 5.5 - 6.5%	5.7%	CP2015
Germanium	min. 0.005%	Complies	CP2015
Strontium	min. 0.001%	Complies	CP2010IA
Selenium	min. 0.03%	Complies	GC
Zinc complex	min. 0.10%	Complies	GC
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	Conform	ICP-MS
Arsenic (As)	2ppm NMT	Conform	ICP-MS
Cadmium (Cd)	2ppm NMT	Conform	ICP-MS
Mercury (Hg)	0.5ppm NMT	Conform	ICP-MS
Microbiological Tests			
Total Plate Count	1000cfu/g Max	Conform	USP<61>
Yeast & Mold	100cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

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