

CERTIFICATE OF ANALYSIS

Product Name	Irish Moss Extract Powder		
Plant Origin	<i>Chondrus crispus</i>		
Used Part	Whole Herb		
Extract Ratio	10:1		
Batch Number	20260514	Manufacture Date	20260514
Report Date	20260514	Expiry Date	20280513

Item of Analysis	Specification	Results	Test Methods
Organoleptic			
Appearance	Powder	Conforms	Organoleptic
Color	Off white to light yellow powder	Conforms	Organoleptic
Odor	Characteristic	Conforms	CP2010
Taste	Characteristic	Conforms	CP2010
Physical Characteristics			
Particle Size	100% pass 80 mesh	80MESH	CP2010
Loss on drying	5%NMT (%)	2.38%	USP<731>
Total ash	5%NMT (%)	2.03%	USP<561>
Bulk Density	45-60g/100mL	49g/100mL	CP2010IA
Residue of Solvents	None	Conform	NLS-QCS-1007
Heavy metals			
Total Heavy Metals	10ppm Max	Conform	USP<231>method II
Lead (Pb)	2ppm NMT	0.02ppm	ICP-MS
Arsenic (As)	2ppm NMT	0.2ppm	ICP-MS
Cadmium (Cd)	2ppm NMT	0.3ppm	ICP-MS
Mercury (Hg)	0.2ppm NMT	0.01ppm	ICP-MS
Microbiological Tests			
Total Plate Count	3000cfu/g Max	Conform	USP<61>
Yeast & Mold	300cfu/g Max	Conform	USP<61>
E. Coli.	Negative	Conform	USP<61>
Salmonella	Negative	Conform	USP<61>
Staphylococcus	Negative	Conform	USP<61>

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

