

CERTIFICATE OF ANALYSIS

Product: Irish Sea Moss Powder
Botanical Name/INCI: Cetraria Islandica
Lot No: BPCIMP012023
Best Before: December, 2026
Origin: Macedonia
CAS No.: 9062-07-1

<u>ANALYSIS</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Description	Powder	Powder	Visual
Identification	Positive	Conform	Microscopy
Color	Lt tan to greenish brown	Greenish Brown	Visual
Taste	Characteristic	Characteristic	Organoleptic
Odor	Characteristic	Characteristic	Organoleptic
Moisture	10.0% Max	7.10%	AOAC
Heavy Metals	<10ppm	<10ppm	ICP-MS
	(Pb) ≤8.0ppm	3.71ppm	ICP-MS
	(As) ≤2.0ppm	0.601ppm	
	(Cd) ≤2.0ppm	0.244ppm	
	(Hg) ≤1.0ppm	0.042ppm	
Gluten	-	ND	AgraStrip G12
Mesh Size	Through USS 40 mesh	100%	USS Sieving
 <u>MICROBIOLOGICAL</u>			
Total Plate Count	≤500,000cfu/g	<1,000cfu/g	FDA BAM Ch 3
Yeast	≤10,000cfu/g	<100cfu/g	CMMEF 5th Ed
Mold	≤10,000cfu/g	<100cfu/g	CMMEF 5th Ed
Coliforms	≤1,000cfu/g	<10cfu/g	FDA BAM Ch 4
E. coli	Absent/10g	Absent/10g	USP<2022>
Salmonella	Negative/25g	Negative/25g	AOAC 2013.01

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Botanic Planet Canada Inc. 2 Bram Court, Unit # 3-4 Brampton, Ontario, L6W 3R6 Canada
 Phone # 905-455-4444 Email:info@botanicplanet.ca www.botanicplanet.ca