

## CERTIFICATE OF ANALYSIS

**Product:** Kelp Powder  
**Botanical Name/INCI:** Ascophyllum nodosum  
**Lot No:** BPCAP012023  
**Best Before:** December, 2026  
**Origin:** Canada/USA  
**CAS No.:** 84775-78-0

<u>ANALYSIS</u>	<u>SPECIFICATION</u>	<u>RESULT</u>	<u>TEST</u>
Description	Powder	Conform	Visual
Identification	Positive	Conform	Pending
Color	Olive Green to Brown	Olive Green	Visual
Flavor	Marine, Salty	Marine	Organoleptic
Aroma	Briny, pungent	Briny	Organoleptic
Moisture	13.0% Max	5.6%	AOAC
Heavy Metals	-	-	
(Pb)	≤5.0ppm	Pending	ICP-MS
(Inorganic As)	≤5.0ppm	Pending	ICP-MS
(Cd)	≤2.0ppm	Pending	ICP-MS
(Hg)	≤0.5ppm	Pending	ICP-MS
Mesh Size	Through 70 mesh	90%	USS sieving
<b><u>Microbiological Count</u></b>			
Total Plate Count	≤100,000cfu/g	<1,000cfu/g	FDA BAM 8th
Yeast	≤1,000cfu/g	<100cfu/g	FDA BAM 8th
Mold	≤1,000cfu/g	<100cfu/g	FDA BAM 8th
Coliforms	≤100cfu/g	<100cfu/g	FDA BAM 8th
E. coli	Absent/10g	Absent/10g	USP<2022>
Salmonella	Negative	Negative	AOAC 998.09

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