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## Icelandic Geothermal Kelp-Lam d – Certificate of Analysis Lot # 5222304618

**Certified 100% Organic**

### PRODUCT DESCRIPTION

<b>Species</b>	<i>Laminaria digitata</i>
<b>Plant Part</b>	Milled Sea Vegetation (Whole Thallus)
<b>Processing Method</b>	Sustainable harvest, controlled geothermal low-temperature drying
<b>Country of Origin</b>	Raw ingredients harvested in Iceland, product formulated and manufactured in USA
<b>Primary Active</b>	Phytonutrients, Iodine and other micronutrients
<b>Particle Size</b>	Granules (95% pass 20 Mesh and 95% retained 50 Mesh)
<b>Color</b>	Green
<b>Aroma</b>	Mild marine odor
<b>Taste</b>	Salty
<b>Storage</b>	Dry area
<b>Shelf Life</b>	Best used within 60 months.
<b>Sterilization</b>	Not sterilized by irradiation or ETO
<b>Packaging</b>	25 kg. (55 lbs.); Multi-walled Kraft bag
<b>Certificates</b>	Certified 100% Organic by QAI; Certified Kosher by Star-K

SPECIFICATION		Results	Test Methods	
<b>Activity</b>	2500-7500 ppm (0.25 – 0.75%) Iodine	5519 ppm	ICP-MS	
<b>Moisture</b>	NMT 10%	5.31%	FCC 8 <sup>th</sup> Edition	
<b>Ash</b>	NMT 50%	33.0%	AOAC 923.03	
<b>Lead</b>	NMT 5 ppm	0.723 ppm	ICP-MS	
<b>Inorganic Arsenic</b>	NMT 30 ppm	29.0 ppm	IC-ICP-MS	
<b>Cadmium</b>	NMT 1.5 ppm	0.39 ppm	ICP-MS	
<b>Mercury</b>	NMT 0.05 ppm	0.01 ppm	ICP-MS	
<b>Microbial</b>	Aerobic Plate Count	<10,000 CFU/g	480 CFU/g	FDA BAM 3
	Total Coliform	<1000 CFU/g	N/D (<10 CFU/g)	FDA BAM 4
	E. coli	N/D (<10 CFU/g)	N/D	FDA BAM 4
	Salmonella	Negative (ND/25g)	Negative	AOAC-989.09
	Staphylococcus aureus	N/D (<10 CFU/g)	N/D	FDA BAM 12
	Yeast/Mold	<5,000 CFU/g	N/D(<10 CFU/g)/ 210 CFU/g	FDA BAM 18

  
 Peter French  
 Quality Assurance Coordinator

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