


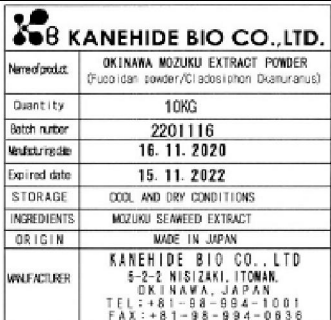
Raw Material Specification

Revision date: 15 July 2022

KANEHIDE BIO CO., LTD.

5-2-2 Nishizaki, Itoman, Okinawa, Japan

TEL: +81-98-994-1001 FAX: +81-98-994-0636

1	Product Name	Okinawa Mozuku Extract Powder (モズク抽出エキス末)	Class	Food
2	Display Name	Okinawa Mozuku Extract		
3	Seller	Address : 5-2-2 Nishizaki, Itoman, Okinawa 901-0306 JAPAN Company Name : KANEHIDE BIO CO., LTD. TEL:+81-98-994-1001 FAX:+81-98-994-0636		
4	Manufacturer	Address : 5-2-2 Nishizaki, Itoman, Okinawa 901-0306 JAPAN Company Name : KANEHIDE BIO CO., LTD. TEL:+81-98-994-1001 FAX:+81-98-994-0636		
5	Material Specification	Ingredients	Ratio Used	Material of Ingredients
		Okinawa Mozuku Extract	100.0%	Cladosiphon Okamuraus TOKIDA
				Original
				Processed
				Allergen
				GMO
				BSE
				Not Covered
				Not Covered
				Non
6	Manufacturing Process	<p>Raw material (Mozuku seaweed) → Cutting → heating → Add organic acid → Extraction → Neutralization</p> <p>→ Cool down → First filtration → Secondary filtration → Ultrafiltration → Concentration → Sterilization</p> <p>→ Powderization → Packing → Product inspection → Storage → Shipment</p> <p>Spray dryer Magnet: 8000 gauss×5 Sieve: 60 mesh pass</p> <p>Appearance and aspect, aerobic colony count and coliforms, Water activity, Molecular weight, Fucoidan contents, sulfate contents</p>		
7	Quality Specification	Inspection items	Standards	Analysis methods
		Appearance and aspect	Powder is color peculiar to MOZUKU extract, no foul smell and taste or foreign material	Sensory test
		Aerobic colony count	≤ 3.0×10 ³ cfu/g	Plate count agar test
		Coliforms	Negative	BGLB method
		Water activity	≤ Aw0.5	Water activity measuring instrument
		Fucoidan	≥ 85%	HPLC
		Molecular weight	30,000~150,000	HPLC
		Sulfate group content	≥ 13%	Ion chromatographic method
8	Lot Number	How to read Lot Number and example	<p>Ex: 2200330 (220033002)</p> <p>Meaning: First digit indicates a classification number (2 is our I.D. number). The next 6 digits are the date of manufacture (YY. MM. DD). If there are the same products with the same manufacturing date, a 2-digit branch number will be added.</p>	
9	Carton	Unit of a carton	10kg/carton	
		Interior packaging	PE bag, Desiccant, PE bag	
		Exterior packaging	Cardboard box (310mm×310mm×320mm)	
10	Appearance of exterior packaging and sample Label	 <p>Appearance of exterior packaging</p>		 <p>Sample label</p>
11	Precautions for storage method and handling	Please keep away from high temperature, high humidity and direct sunlight.		
12	Warranty period (under designated storage conditions)	Unopened: 2 years after manufacture After opening: Please use immediately		
13	Remarks	<p>Scientific name: <i>Cladosiphon Okamuraus</i> TOKIDA</p> <p>Part of plant: Whole plant parts</p>		