

## Certificate of Analysis

Product Name: Coral-Mine

LOT Number: 03L23

Manufacturing Date: 2021.11

Expiry Date: 2026.11

Item	Specification	Results	Method
<b>(A) Physical Parameters</b>			
Appearance	Coral sand packed in white bags	Conforms	Visual
Average diameter	5.6cm +/- 5%	5.6cm	Digimatic caliper
Net weight (g)	1g +/- 5%	1g	Weighing scales
Loss on drying	0.30%	Conforms	
Packaging	10 small bags in one aluminium foil with zip lock	Conforms	Visual
<b>(B) Product Composition</b>			
Refined Coral	995mg	995mg	Based on Input
L-ascorbic acid	5mg	5mg	Based on Input
<b>(C) Minerals from coral</b>			
Calcium Carbonate, CaCO <sub>3</sub>	85.00%~91.00%	89.89%	Atomic absorption
Magnesium Carbonate, MgCO <sub>3</sub>	6.50%~9.50%	7.97%	Atomic absorption
Sodium, Na	2100 ppm	Conforms	Flame photometry
Potassium, K	130 ppm	Conforms	Flame photometry
Iron, Fe	450 ppm	Conforms	Atomic absorption
Sulfur, S	2100 ppm	Conforms	ICP quantitative analysis
Silicon, Si	2500 ppm	Conforms	ICP quantitative analysis
Aluminum, Al	790 ppm	Conforms	ICP quantitative analysis
Fluorine, F	19 ppm	Conforms	Spectrophotometry
Phosphorus, P	330 ppm	Conforms	Spectrophotometry
Chlorine, Cl	<25 ppm	Conforms	Ion chromatography
Nickel, Ni	2ppm	Conforms	ICP quantitative analysis
Manganese, Mn	6ppm	Conforms	Atomic absorption
Molybdenum, Mo	<1ppm	Conforms	ICP quantitative analysis
Vanadium, V	1ppm	Conforms	ICP quantitative analysis
Lithium, Li	2ppm	Conforms	ICP quantitative analysis
Iodine, I	17ppm	Conforms	Titration
Boron, B	15ppm	Conforms	ICP quantitative analysis
<b>(D) Microbiological Properties</b>			
Total Microbial Count	< 1×10 <sup>2</sup> CFU/g	Absent	
Yeast & Mould Count	< 1×10 <sup>2</sup> CFU/g	Absent	
E. Coli	Negative per 1g	Absent	
<b>(E) Heavy Metal Properties</b>			
Arsenic	≤ 4ppm	2.30 ppm	Spectrophotometry
Copper	≤ 2ppm	0.55 ppm	Atomic absorption
Lead	≤ 20 ppm	0.67 ppm	Atomic absorption
Cadmium	≤ 0.4ppm	0.07ppm	Atomic absorption

Okinawa Sango Co., Ltd.

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Authorized Signature