



MARINE SCIENCE CO., LTD.

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Natural foods Ingredient		2009/11/20
SEAWEED MINERALS		
Manufacturer	MSC CO., LTD. (KOREA)	
Importer	MARINE SCIENCE CO.,LTD.	
Summary	SEAWEED MINERALS is natural Potassium mineral from Rhodophyta seaweed which contained about 50% of Potassium Ion.	
Name of seaweed: Kappaphycus alvarezii & Eucheuma denticulatum		
Application	① Mix to table salt to adjust mineral balance ② Use to cooking ③ Use to sport drinks ④ Use to supplement	
Expiration Date	unopened	24 months from date of manufacture (Storage at dry and cool room)
	opened	30 days (Storage at dry and cool room)
Package	Outer	Paper craft bag
	Inner	Low-density Polyethelene bag for food (20kg×1bag)
Ingredients labeling	Seaweed minerals	
Information of Material		
GMO material	No use the GMO materials and their processed.	
Allergen material	No use the materials of rice, crustacean and the product origin including the 25 items is assigned by Japan	
Bovine original	No use the materials origin livestock meets including brain, eye, spinal cord, and around bowel	
Agricultural chemical residual	Never used agrichemicals. or We would ensure standard value based of the Food hygiene law	
Unapproved Ingredient	No use the unapproved Ingredient in Japan.	
Product specifications		
Standardize Items	Specifications	Analysis method
Contents	More than 90% KCL	
Appearance	Whity powder	
Particle size	Pass 40mesh	Passed JIS Standard sieve
Loss on dry	Less than 5%	infared - ray moisture gauge
Plate coliform count	Less than 3000 /g	Japanese Food hygine inspection guideline
Coliform	Negative	Japanese Food hygine inspection guideline
E.coli	Negative	Japanese Food hygine inspection guideline
Yeast & Mold	Negative	Japanese Food hygine inspection guideline
Arsenic(as AS ₂ O ₃)	Less than 2μg/g	Japanese Food hygine inspection guideline
Heavy metal(as Pb)	Less than 20μg/g	Japanese Food hygine inspection guideline
Analysis results		
Potassium (K)	49.00%	at Japan Frozen Foods Inspection Corporation
Chlorine (Cl)	45.60%	
Calcium (Ca)	3,800μ g/g	
Sodium (Na)	8,000μ g/g	
Bromine (Br)	369μ g/g	
Magnesium (Mg)	560μ g/g	
Phosphorus (P)	76μ g/g	
Silica (Si)	60μ g/g	
Nickel (Ni)	38μ g/g	
Strontium (Sr)	24μ g/g	