

# Product Specification

## MARIGOT LIMITED



### Aquamin F

#### DESCRIPTION

**Aquamin F** is a natural calcium source produced from mineralised seaweed (*Lithothamnion sp.*). The seaweed is harvested from the seabed off the West coast of Ireland and North West coast of Iceland from clear, pollution free, mineral rich Atlantic waters.

#### GENERAL CHARACTERISTICS

<b>Appearance:</b>	Off-White powder
<b>Solubility:</b>	Soluble in weak acids, insoluble in water
<b>Odour:</b>	Odourless
<b>Taste:</b>	Neutral

#### APPLICATIONS

**Aquamin** is a highly bioavailable source of calcium for use in food, beverages, nutraceuticals and nutritional supplements.

**Aquamin F** is recommended for use in the following food applications cereals, pasta, noodles, biscuits, baked goods, processed meats, ice cream, soya beverages and confectionery.

#### TYPICAL ANALYSIS

Aquamin is a natural product of marine origin and as such, is subject to seasonal variations. The values below are typical.

Calcium	31 - 35%
Magnesium	2.5 - 4%
Moisture	<5.0%
Iron	2000ppm max.
Lead	2ppm max.
Heavy Metals as Lead	10ppm max.
Arsenic	1ppm max.
Cadmium	1ppm max.
pH (1% aqueous solution)	9.5 - 10.5
Particle Size	25µm max.
Bulk density	0.7 – 0.9g/cm <sup>3</sup>

#### MICROBIAL SPECIFICATION

Total Viable Count	10,000cfu/gr. max
Yeasts & Moulds	100cfu/gr. max
E Coli	Absent in 1g
Salmonella	Absent in 25g



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### NUTRITIONAL PROFILE

Ash	89-96%
Moisture	0.1-5%
Protein	<1%
Fat	≤0.5%
Carbohydrates	<3%
Caloric Value	19-20Kcal/100g

### CERTIFICATION

Organic certified  
Kosher certified  
Halal certified  
GRAS approved - GRN 000028  
EU Health Certified  
Allergen Free  
GMO Free  
ISO 9001:2000 certified  
HACCP certified  
Suitable for vegetarians and vegans

### REGISTRATION

Customs Tariff Code: 12 122 00 000

### PACKAGING & STORAGE

25kg white cardboard box with a blue food grade polyethylene liner, palletised (40x25kg) and stretch wrapped.  
Storage - cool dry area.

### SHELF LIFE

3 years from date of manufacture.



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