

ALGEA FERT MEAL

TYPICAL ANALYSIS (Product Code: 1014425 - 1014400)

Physical Properties

General Description	Seaweed Meal
General Application	Soil Conditioner
Raw Material	<i>Ascophyllum nodosum</i>
Appearance	Olive coloured, fine powder
Particle size	Min 85% through a 1.4 mm sieve

Average Composition

	Results	Units	Method
Moisture	8-14	%	A.O.A.C. 950.01
Alginic Acid	10-20	%	Gravimetric White Method
Mannitol	4-8	%	GC-MS Internal Method

Macronutrients

	Results	Units	Method
Nitrogen (N)	0.8-1.5	%	Kjeldhal Method
Phosphorus (P)	0.05-0.15	%	Gravimetric Fertilizer Method
Sulphur (S)	<2	%	IC Internal Method
Potassium Oxide (K ₂ O)	1.0-2.0	%	Gravimetric Fertilizer Method
Calcium (Ca)	1-3	%	IC Internal Method
Magnesium (Mg)	0.5-3.0	%	IC Internal Method

Micronutrients

	Results	Units	Method
Copper (Cu)	1.0-10	mg/kg	Atomic Absorption
Iron (Fe)	150-1000	mg/kg	Atomic Absorption
Manganese (Mn)	10-50	mg/kg	Atomic Absorption
Zinc (Zn)	40-200	mg/kg	Atomic Absorption
Boron (B)	20-100	mg/kg	A.O.A.C. 949.03
Molybdenum (Mo)	1-5	mg/kg	ICP-MS

Vitamins

Ascorbic Acid – Biotin – Folic Acid – Niacin – Riboflavin – Thiamin

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