Omagata 78 - 6517 Kristiansund - Norway
P.O.B 2143 Løkkemyra – N-6502 Kristiansund – Norway
Enterprise n°: 910 116 940
www.algea.com
Tel: +47 71 58 09 50
Fax: +47 71 58 09 51

ALGEA FERT SOLID G

TYPICAL ANALYSIS
(Product Code: 4202020)

Physical Properties

General Description	Soluble, alkaline seaweed extract
General Application	Biostimulant for plant growth, foliar and soil application
Raw Material	*Ascophyllum nodosum*
Appearance	Dark brown/black flakes, <2 mm
pH	9-10 in 9% solution
Solubility	9 g in 100 ml water at 20°C
Stability	Solution above 9% are not recommended
Storage Stability	Very stable when stored in a dry place in original packaging
Bulk Density	500-900 kg/m^3

Average Composition

	Results	Units	Method
Moisture	2-8	%	A.O.A.C. 950.01
Alginic Acid Derivatives	<10	%	Gravimetric White method
Mannitol	4-7	%	GC-MS Internal Method

Macronutrients

	Results	Units	Method
Nitrogen (N)	0.7-1.0	%	Kjeldhal Method
Phosphorus (P)	0.02-0.05	%	Gravimetric Fertilizer Method
Sulphur (S)	1-9	%	IC Internal Method
Potassium Oxide (K_2O)	8-10	%	Gravimetric Fertilizer Method
Calcium (Ca)	0.5-1.0	%	IC Internal Method
Magnesium (Mg)	0.5-0.9	%	IC Internal Method

Micronutrients

	Results	Units	Method
Copper (Cu)	1-6	mg/kg	Atomic Absorption
Iron (Fe)	50-200	mg/kg	Atomic Absorption
Manganese (Mn)	5-12	mg/kg	Atomic Absorption
Zinc (Zn)	10-100	mg/kg	Atomic Absorption
Boron (B)	20-100	mg/kg	A.O.A.C. 949.03
Molybdenum (Mo)	1-5	mg/kg	ICP-MS

Valagro Business Innovation Department (on behalf of Algea A.S.)

Chemical Laboratory	Business Innovation Manager
Dott.ssa Donata Di Tommaso	Dott. Alberto Piaggesi

Issue Date: September 22, 2014
Print Date: October 8, 2014