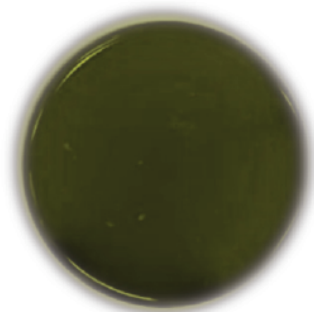




LiquidOceans



100% Natural Extract of **Ecklonia Maxima**

DESCRIPTION OF PRODUCT

PRODUCT APPEARANCE	Liquid
COLOR	Green
DENSITY AT 20°C	1.02 Kg/L
pH	6,5
HUMIDITY	96,5% (w/w)
DRY MATTER	3,55% (w/w)

ANALYSIS

ALGINIC ACID	0,5% (w/w)
MANITOL	0,22% (w/w)
BETAINES	0,002 ppm
GIBBERELLINS	0,005 ppm
CYTOKININS	0,005 ppm
AUXINS (CHEMICAL ACTIVITY)	0.02 ppm
AUXINS (*BIOLOGICAL ACTIVITY)	24 ppm
ORGANIC MATTER	1,36% (w/w)
TOTAL ORGANIC CARBON	0,75% (w/w)

*IAA equivalent via Mung Bean Assay determination

Available packaging: IBC (1000L)



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CERTIFICATE OF ANALYSIS - EXTRACTED COMPONENTS

MACRONUTRIENTS	
COMPONENT:	TOTAL NITROGEN
VALUE:	<0.20 % (P/P) S.S.N.
METHOD:	PNT-MF-872 (CEN/TS 17771)
COMPONENT:	TOTAL PHOSPHORUS (P O)
VALUE:	0.0295 % (P/P) S.S.N.
METHOD:	PNT-MF-860 / PNT-MF-859 (ICP-OES)
COMPONENT:	TOTAL POTASSIUM (K O)
VALUE:	0.584 % (P/P) S.S.N.
METHOD:	PNT-MF-860 / PNT-MF-859 (ICP-OES)

ORGANIC CONTENT	
COMPONENT:	TOTAL ORGANIC MATTER (CALCINATION)
VALUE:	1,36% (W/W)
METHOD:	PNT-M-450 (GRAVIMETRY, BOE 20 JAN 1982)
COMPONENT:	ORGANIC CARBON
VALUE:	0,75% (W/W)
METHOD:	PNT-M-450

AMINO ACIDS (FREE)	
METHOD:	PNT-MF-109 (HPLC-FLUORESCENCE), COVERED BY ENAC ACCREDITATION
ASPARTIC ACID:	<0.040 % (P/P) S.S.N.
GLUTAMIC ACID:	<0.050 % (P/P) S.S.N.
SERINE:	<0.040 % (P/P) S.S.N.
HISTIDINE:	<0.050 % (P/P) S.S.N.
GLYCINE:	<0.030 % (P/P) S.S.N.
THREONINE:	<0.040 % (P/P) S.S.N.
ARGININE:	<0.060 % (P/P) S.S.N.
ALANINE:	<0.030 % (P/P) S.S.N.
TYROSINE:	<0.060 % (P/P) S.S.N.
VALINE:	<0.040 % (P/P) S.S.N.
METHIONINE:	<0.050 % (P/P) S.S.N.
PHENYLALANINE:	<0.060 % (P/P) S.S.N.
ISOLEUCINE:	<0.040 % (P/P) S.S.N.
LEUCINE:	<0.040 % (P/P) S.S.N.
LYSINE:	<0.050 % (P/P) S.S.N.
HYDROXYPROLINE:	<0.040 % (P/P) S.S.N.
PROLINE:	<0.040 % (P/P) S.S.N.

NITROGEN FORMS			
COMPONENT:	NITROGEN (ORGANIC)	COMPONENT:	NITROGEN (AMMONIACAL)
VALUE:	VALUE: <0.20 % (P/P) S.S.N.	VALUE:	<0.20 % (P/P) S.S.N.
METHOD:	METHOD: PNT-M-245 (KJELDAHL DISTILLATION, R.D. 1110/1991)	METHOD:	PNT-M-240 (KJELDAHL VOLUMETRY)
COMPONENT:	NITROGEN (KJELDAHL TOTAL)	COMPONENT:	NITROGEN (UREA)
VALUE:	<0.20 % (P/P)	VALUE:	<0.10 % (P/P) S.S.N.
METHOD:	SAME AS ABOVE	METHOD:	R.D. 1110/1991, METHOD 9 (UREASE METHOD)



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