

CERTIFICATE OF ANALYSIS

KelpX-5

18 May 2021 Batch : 21ECF

Description	Physical Properties	
Natural Plant Growth Promotor concentrate extract from <i>Ecklonia Maxima</i> (Kelp)	State	Liquid Extract
	pH	pH 4—7
	Specific gravity (SG)	1.04 - 1.15 kg per Litre
	EC, mS/cm	4
	Colour	Viscous green/brown
	Solubility	100% Water flowable
	Odour	Marine odour
	Particle size	Pre-Filter to 50 Micron
	Boiling point	100 °C at sea level
	Country of Origin	South Africa



Nutrients	%m/m
Organic Carbon Compounds	> 20
Phosphate Citric Soluble as P	< 1
Potassium as K	< 1
Sulphur as S	< 1
Urea, Ammonium and Nitrate as N	< 1

Other Compounds	%m/m
Algenic Acid	> 2.0
Laminarin	> 0.5
Vit C	> 0.5
Vit E	> 0.0
Amino Acids	Traces
Preservative : Acetic Acid	< 0.2
Preservatives : Optional	
1,2-Benzisothiazolin-3-one	0.025
2-Methyl-4-isothiazolin-3-one	0.025

Heavy Metals	mg/kg
Zn	< 200
Cu	< 100
Cr	< 100
Ni	< 50
As	< 5
Se	< 10
Pb	< 10
Cd	< 3
Hg	< 1
B	< 200
Mo	< 0.1
Mn	< 0.1
Fe	< 100
Co	< 1.0

Measured Plant Hormone	micro
Free Indole 3 Acetic Acid (IAA)	> 375