

## Product: Root Promoter

### Technical Analysis:

Nitrogen(N)	6%
Phosphorous(P)	1.1%
Potassium(K)	5%
Iron(Fe)	0.14%
Boron(B)	0.18%
Zinc(Zn)	0.2%
Seaweed extract	20%
Organic Matter	10%

**Physical Characteristics:** Brown liquid, 100% water soluble, pH 6 – 8,  
Specific Gravity 1.15-1.20

Seawin's products are manufactured under **ISO9001 Environmental Management System**, and the chemical analysis are done by accredited Australian Laboratories. This product contains natural ingredients, hence the concentration of individual components may vary from batch to batch.

**REPORT ON SAMPLE OF ROOT PROMOTER**

FILE NO : 1807136592

DATE ISSUED : 24/07/2018

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## REFERENCE :

REFERENCE ID :

SAMPLE ID : ROOT PROMOTER  
ANALYSIS REQUIRED : Full (FT2)Cd Pb HgPHONE :  
DATE RECEIVED : 18/07/2018  
SOURCE :

ITEMS	ABBREVIATION	UNIT	RESULTS	ANALYTICAL METHODS
Results of analysis as received:				
TOTAL NITROGEN	N	% w/w	6.75	Dumas method, 7A5*
TOTAL PHOSPHORUS	P	% w/w	1.25	Acid digestion, ICPAES
TOTAL POTASSIUM	K	% w/w	4.64	Acid digestion, ICPAES
TOTAL SULPHUR	S	% w/w	0.909	Acid digestion, ICPAES
TOTAL CALCIUM	Ca	% w/w	0.175	Acid digestion, ICPAES
TOTAL MAGNESIUM	Mg	% w/w	0.0213	Acid digestion, ICPAES
TOTAL SODIUM	Na	% w/w	0.519	Acid digestion, ICPAES
TOTAL IRON	Fe	ppm w/w	1650	Acid digestion, ICPAES
TOTAL MANGANESE	Mn	ppm w/w	25	Acid digestion, ICPAES
TOTAL ZINC	Zn	ppm w/w	718	Acid digestion, ICPAES
TOTAL COPPER	Cu	ppm w/w	0.52	Acid digestion, ICPAES
TOTAL COBALT	Co	ppm w/w	0.501	Acid digestion, ICPAES
TOTAL BORON	B	ppm w/w	1240	Acid digestion, ICPAES
TOTAL MOLYBDENUM	Mo	ppm w/w	0.398	Acid digestion, ICPAES
pH			7.76	Direct reading
Electrical Conductivity		µS/cm	46700	Direct reading
TOTAL ORGANIC CARBON	OC	%	5.6	Method 6B3, LECO*
CARBON / NITROGEN RATIO	C/N		0.83	Calculation
TOTAL CHLORIDE	Cl	ppm w/w	Not required	Direct potentiometric titration
TOTAL SELENIUM	Se	ppm w/w	Not required	Acid digestion, ICPAES
TOTAL CADMIUM	Cd	ppm w/w	<DL	DL=0.00005 Acid digestion, ICPAES
TOTAL MERCURY	Hg	ppm w/w	<DL	DL=0.0008 Acid digestion, ICPAES
TOTAL LEAD	Pb	ppm w/w	<DL	DL=0.0008 Acid digestion, ICPAES
TOTAL ARSENIC	As	ppm w/w	Not required	Acid digestion, ICPAES

DL=Detection Limit

\* Rayment, G.E. &amp; Lyons, D.J. (2011). Soil Chemical Methods - Australasia. CSIRO Publishing, 150 Oxford Street, Collingwood Vic 3066, Australia