

ALGAE SOLUTIONS

# Stim Pure AA Liquid

October 2018

Origin: The Netherlands

Reach Reg.

## Section 1 | Description

Brand name	Van Iperen Stim Pure AA Liquid
Chemical name	Seaweed extract derived from Ascophyllum nodosum + Amino Acids + Urea
Appearance	Brown-black liquid



## Section 2 | Chemical composition

Total Nitrogen (N)	2% w/w   2.3% w/v
Ureic Nitrogen (N-NH <sub>2</sub> )	1% w/w   1.15% w/v
Potassium Oxide (K <sub>2</sub> O)	5% w/w   5.8% w/v
Organic Matter	17.5 - 20.1% w/w   20.4 - 23.5% w/v
Organic Nitrogen (N)	1% w/w   1.15% w/v
Total Amino Acids	6.2% w/w   7.2% w/v
Seaweed extract	85% w/w
Organic Carbon (C)	> 8% w/w   > 9.3% w/v

## Section 3 | Heavy metals

Arsenic (As)	< 10mg/kg	Mercury (Hg)	< 1mg/kg
Cadmium (Cd)	< 1mg/kg	Lead (Pb)	< 1.5mg/kg
Chrome (Cr)	< 3mg/kg		

## Section 4 | Physical properties

Density	1.17 +/- 0.2kg/L
pH	7.5 +/- 0.4   7.5 +/- 1 (in 1% solution)   7.5 +/- 1 (in 0.1% solution)
Electric conductivity (EC)	0.2 +/- 0.05mS/cm (in 0.1% solution)   1.69 +/- 0.4mS/cm (in 1% solution)
Crystallization temperature	0°C