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## 0 - 0 - 4 Liquid Seaweed Extract

### Product Information

Manufacturer	100% domestically produced in the USA by North American Kelp
Packaging	55 gallon drum, 275 gallon IBC tote
	OMRI-listed and allowed for use in USDA organic crop production per regulation 7 CFR § 205.601(j)(1).

### Physical Properties

Description	Base-catalyzed seaweed extract, liquid concentrate
Purpose	Ingredient in plant biostimulant products, for foliar and soil application
Derived From	<i>Ascophyllum nodosum</i>
Appearance	Black / dark brown liquid
Smell	Slight, marine
Solubility	100% in water
Density	9.6 lbs/gallon
Specific Gravity	1.15 g/cm <sup>3</sup>
Standard Filtration	75 micron

### Specifications

	Analysis	Method
Nitrogen (N)	0.3 - 0.6%	MWL WC 055
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	< 0.1%	AOAC 2015.18
Soluble Potash (K <sub>2</sub> O)	4 - 4.25%	AOAC 2015.18
pH	4.7 - 4.9	EPA 9040
Solids (w:w)	28 - 30%	gravimetric
Total seaweed sugars	75 g/l	HPAEC
Alginate	25 g/l	HPAEC
Fucoidan	25 g/l	HPAEC
Mannitol	12 g/l	HPAEC
Laminarin	3.5 g/l	HPAEC

Values reported are averages based on typical laboratory analyses. 0-0-4 Liquid Seaweed Extract is a wholly natural product, and as such specific nutrient content is subject to fluctuations with seasonality, location, and rockweed biology. The above information is provided in good faith and believed to accurately represent the products in question. However, these averages should not be considered a guarantee, and Atlantic Laboratories Inc. assumes no liability based on this information and the product described.