

EVERWELL BIOTECHNOLOGY CO., LTD.

Suzhou, Jiangsu, China • www.everwellbio.com • ISO 9001 / HACCP certified

CERTIFICATE OF ANALYSIS

Seaweed Extract 30% Alginic Acid

Product	Seaweed Extract 30% Alginic Acid	Batch No.	SW30-2026-08-LOT0235
Partner Supplier	Shandong Marine Biotech Co., Ltd.	Test Method	HPLC / ICP-OES / titration (per parameter)
Date of Manufacture	2026-07-29	Date of Analysis	2026-08-01
Sample Reference	Pre-shipment composite	Report Date	2026-08-31

Test Results

Parameter	Result	Specification
Alginic Acid (dry basis)	31.2%	>= 30.0%
Organic Matter (dry basis)	52.8%	>= 50.0%
Total Nitrogen	1.4%	1.0 - 2.0%
Phosphorus (P2O5)	1.1%	0.5 - 2.0%
Potassium (K2O)	17.6%	15 - 20%
Mannitol	4.2%	>= 3.0%
Betaines	0.18%	>= 0.10%
Moisture	6.4%	<= 8.0%
pH (1% solution)	7.8	7.0 - 9.0
Heavy Metals — Pb	< 5 mg/kg	<= 20 mg/kg
Heavy Metals — Cd	< 1 mg/kg	<= 3 mg/kg
Heavy Metals — As	< 2 mg/kg	<= 5 mg/kg
Heavy Metals — Hg	< 0.1 mg/kg	<= 2 mg/kg
Appearance	Dark green flakes / powder	Conforms
Solubility (water, 20 °C)	100%	>= 99%
Packaging	25 kg kraft bag with PE liner	Conforms

Notes

Cold-water enzymatic extraction of brown seaweed (*Ascophyllum nodosum*, North Atlantic). Spray-dried at 140 °C inlet to preserve heat-labile betaines and mannitol.

We hereby certify that the above-mentioned product complies with the agreed specification. All parameters were determined by methods validated by our QC laboratory. This COA is generated from supplier test reports and verified by Everwell Bio QC prior to shipment.

QC Inspector

QC Manager

Authorised Signatory

Wei Chen

Li Zhang

Yan Hu

Everwell Biotechnology Co., Ltd. — Bldg. 7, No. 88 Yangtze River Rd., Suzhou Industrial Park, Jiangsu, China • +86 134-0579-7951 • sales@everwellbio.com
Sample/template COA for website reference. Production-batch COA is issued per shipment with verified parameters.