

CERTIFICATE OF ANALYSIS

Product Name	Algae Extract
INCI Name	Water, Glycerin, Algae Extract, Benzyl Alcohol, Dehydroacetic Acid
Botanical Source	Laminaria Japonica
Lot Number	MT270825/18
Manufacture Date	08/2025
Re-test Date	08/2027

Analytical Tests	Specification	Result
Appearance	Yellowish liquid	CONFORMS
Odor	Characteristic	CONFORMS
pH	4.0-6.5 at 25°C	CONFORMS
Refractive Index	1.3920-1.5000 at 25°C	CONFORMS
Solubility	Soluble in water	CONFORMS
Specific Gravity	1.05-1.15 at 25°C	CONFORMS

Mineral	Content Range (%)	Result
Iodine	0.3–1% (3000–10,000 ppm)	CONFORMS
Calcium	2–7%	CONFORMS
Magnesium	1–2%	CONFORMS
Potassium	2–5%	CONFORMS
Sulfur	1–3%	CONFORMS
Sodium	1–3%	CONFORMS
Phosphorus	0.1–0.8%	CONFORMS
Iron	0.05–0.3% (500–3000 ppm)	CONFORMS
Zinc	0.001–0.01% (10–100 ppm)	CONFORMS
Manganese	0.002–0.005% (20–50 ppm)	CONFORMS
Copper	0.0005–0.002% (5–20 ppm)	CONFORMS
Selenium	0.0001–0.0005% (1–5 ppm)	CONFORMS

PHYSICO-CHEMICAL ANALYSIS-SAFETY

Analytical Tests	Specification	Result
Arsenic Content(As)	3 max. [mg/kg]	<0.05
Cadmium Content(Cd)	3 max. [mg/kg]	<0.05
Lead Content(Pb)	10 max. [mg/kg]	<0.05
Nickel Content(Ni)	10 max. [mg/kg]	<0.05
Mercury Content	1 max. [mg/kg]	<0.02

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.

LIST OF ANALYZED PESTICIDES (Qualification limit LoQ (mg/kg))

Parameter (LoQ)	Parameter (LoQ)	Parameter (LoQ)
List of organochlorine pesticides:		
alfa HCH (0,005)	aldrin (0,005)	endrin aldehyde (0,005)
beta HCH (0,005)	dieldrin (0,005)	endrin ketone (0,005)
delta HCH (0,005)	endosulfan I (0,005)	p,p' DDT (0,005)
gamma HCH - lindan (0,005)	endosulfan II (0,005)	p,p' DDD (0,005)
heptachlor (0,005)	endosulfan sulphate (0,005)	p,p' DDE (0,005)
heptahlorepoksid (0,005)	endrin (0,005)	methoxychlor (0,005)

MICROBIOLOGICAL ANALYSIS

Analytical Tests	Meas. Unit	Ref. Value	Result
Total aerobic mesophilic microorganisms	cfu/g	<10 ³	<10
Escherichia coli	in 1g	Absent	CONFORMS
Pseudomonas aeruginosa	in 1g	Absent	CONFORMS
Staphylococcus aureus	in 1g	Absent	CONFORMS
Candida albicans	in 1g	Absent	CONFORMS

Based on the results of the laboratory testing and expert consideration it was found that the tested sample meets the requirements of the Law on items of general use ("Official Gazette RS", No. 25/2019), respectively **MEETS** requirements from the Rulebooks listed below:

- Rulebook on Cosmetic products ("Official Gazette of the RS", No. 60/2019);
- Rulebook on the conditions regarding the health safety of items of general use that can be placed on the market ("Official Gazette SFRJ", No. 26/83, 61/84, 56/86, 50/89, 18/91 and 60/2019-2 Rulebook, Article 101, Article 102);
- Rulebook on Cosmetic products ("Official Gazette of the RS", No. 60/2019, Article 13. Attact. 9)

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight.
When stored for more than 24 months, quality should be checked before use.

As it is electronically generated document, hence no signature required.

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