



Natural



Non-GMO



Highly Nutritious



Stable



Integrates seamlessly into any production process

Plant Based Blood Ounje

yemoja
MICROALGAE RE:EVOLUTION

Ounje is a blood alternative prepared from red algae that creates a heme-like color, succulence, and behavior in heat.

Features

Initial red coloring | Blood-like texture | Viscosity when raw
Browns during cooking | Crunchy texture when cooked
| Produces an appetizing mellow aroma

Capabilities in Production

- Increases production efficiency by serving as both colorant and binder
- Can be used in both whole muscle and restructured meat-alternatives
- Can be used with wet and dry TVP
- Retains stability and nutritional value through production: hydration, marination, cooking, ESLP, freezing
- Produced under the highest GMP standards.

How Ounje is Produced

Yemoja created a patented biotechnology platform for algae growth. To create Ounje, the red marine *Porphyridium* is grown in unique photobioreactors under conditions that stimulate nutrients and deep-red pigmentation. The algae biomass is extracted and ultra-filtered to the desired consistency and viscosity. Our scalable production system is standardized, contamination-proof and conducted under the strictest GMP standards.

Ounje Nutritional Value

- 20-25% proteins*
- 13-15% essential fatty acids (Omega-3, Omega-6 and Arachidonic acid)*
- 30%+ nutritional fibers*
- Vitamins and minerals*
- A long shelf life
- Used in all cooking forms
- Retains its nutritional value through cooking

(*Measured in dry product form)



About Yemoja

Yemoja was founded by a team of seasoned marine biology and biotech experts with extensive experience in the microalgae and biopharmaceutical industries. Our patented process of harvesting and producing microalgae at scale, and world-class production facilities provide access to sustainable, high-value microalgae for a range of deployments.

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