

ACB Wakame Bioferment Advanced Sample Formulations

Code: 20024
INCI Name: Undaria Pinnatifida Cell Culture Extract
CAS #: N/A
EINECS #: N/A

Sample Finished Formulation Guidelines

Sea Vitality Hydrating Daytime Emulsion
FNFCZ001-08

Sea Vitality Exfoliating Serum
FNFCZ001-11



Tomorrow's Vision... Today!®

Sea Vitality Hydrating Daytime Emulsion

Formulation Code: FNFCZ001-08

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Lactobacillus/Arundinaria Gigantea Ferment Filtrate	ACB Bamboo Bio-Water/ Active Concepts	2.00
Lactobacillus/Nereocystis Luetkeana Ferment Filtrate	ACB Bull Kelp Bioferment/Active Concepts	1.00
Phase II		
Glycerin	Glycerin	1.00
Xanthan Gum	Keltrol CG/CP Kelco	0.30
Phase III		
Isodecyl Neopentanoate	Ceraphyl SLK/ISP	3.00
Caprylic/Capric Triglyceride	Neobee M-5/Stepan	3.00
Butylene Glycol (and) Polymethylsilsesquioxane	Silderm Emulsifying BG/Active Concepts, LLC	2.00
Glyceryl Stearate	Protachem GMS-450/Protameen	1.50
Stearyl Alcohol	Rita SA/Rita Corp.	1.50
Phase IV		
Water (and) Butylene Glycol (and) Sea Silk Extract	ABS Sea Silk Extract/Active Concepts, LLC	1.00
Hydrolyzed Pearl	AC Pearl Hydrolysate/Active Concepts, LLC	1.00
Glycerin (and) Saccharomyces/Sea Silt Ferment	ACB Sea Silt Bioferment G/Active Concepts LLC	1.00
Undaria Pinnatifida Cell Culture Extract	ACB Wakame Bioferment Advanced/Active Concepts LLC	0.50
Lactobacillus Ferment	Leucidal Liquid SF/Active Micro Technologies	2.00
Sodium Hydroxide	NaOH 25% Solution	0.02
Fragrance	Lavender Vanilla Sage 302-669/American Flavors & Fragrances	0.05

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge remaining ingredients and begin heating to 75°C. Mix until homogenous.
- Phase II:** Pre-mix ingredients then add to main beaker and mix until homogenous.
- Phase III:** In a separate beaker, combine ingredients, heat to 75°C while mixing. Mix until homogenous. Then, add to main beaker with high-speed mixing. Maintain temp at 75°C and mix for 3-5 min. Then homogenize 5-10 min. Begin force cooling.
- Phase IV:** At 50°C, add ingredients and mix until homogenous.

Sea Vitality Exfoliating Serum

Formulation Code: FNFCZ001-11

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Acrylates/C10-30 Alkyl Acrylates Crosspolymer	Carbopol Ultrez 20/Noveon	1.50
Leuconostoc/Radish Root Ferment Filtrate	Leucidal Liquid/Active Micro Technolgoies	2.00
Phase II		
Triethanolamine	TEALan 99%/Rita Corp.	2025
Phase III		
Water & Lactic Acid & Malic Acid & Sodium Hydroxide & Algae Extract	AC Marine Acids/Active Concepts, LLC	5.00
Lactobacillus/Eridictyon Californicum Ferment Extract	ACB Yerba Santa Glycoprotein PF/Active Concepts, LLC	4.00
Lactobacillus/Nereocystis Luetkeana Ferment Filtrate	ACB Bull Kelp Bioferment/Active Concepts, LLC	2.00
Water & Zingiber Officinale (Ginger) Root Extract & Mentha Piperita (Peppermint) Leaf Extract	ABS Ginger Mint Extract Cooling PF/Active Concepts, LLC	2.00
Undaria Pinnatifida Cell Culture Extract	ACB Wakame Bioferment Advanced/Active Concepts, LLC	0.50
Fragrance	Lavender Vanilla Sage 302-669/American Flowers & Fragrances	0.05

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Slowly sift in Carbopol. Mix until completely dispersed.
- Phase II:** Add ingredients and mix until homogenous.
- Phase III:** Add each ingredient and allow to disperse completely before adding the next.