

Probacillus Revive Sample Formulations

Code: 16618
INCI Name: Lactobacillus Ferment Lysate
CAS #: 9015-54-7
EINECS #: 295-635-5

Sample Finished Formulation Guidelines

Moisturizing Body Cream
FNBB01-50 – Moisturizing Body Cream

Probiotic Night Serum
FNFB01-61 – Probiotic Night Serum

Moisturizing Body Cream

Formulation Code: FNBB01-50

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Sorbitol Solution	Sorbitol Solution/Lipo Chemicals	2.00
Phase II		
Propylene Glycol	Propylene Glycol	3.00
Xanthan Gum	Keltrol CG/C.P. Kelco	0.40
Phase III		
Mineral Oil	Mineral Oil 70/Rita Corp.	9.00
Petrolatum	Ultra White Petrolatum/Rita Corp.	2.00
Stearic Acid	Stearic Acid/Rita Corp.	2.00
Lanolin	Lanolin/Rita Corp.	2.50
Lanolin Alcohol	Ritawax/Rita Corp.	1.50
Cetyl Alcohol	Cetyl Alcohol/Protameen	1.30
PPG-3 Myristyl Ether	Jeecol PMA-3/Jeen	1.00
Microcrystalline Wax	Microcrystalline Wax/Strahl & Pitsch	0.50
Dimethicone	DC 200/100/Dow Corning	1.00
Glyceryl Stearate	Lipo GMS 450/Lipo	1.00
Phase IV		
Tocopherol Acetate	Vitamin E Acetate/Rita Corp	0.10
Phase V		
Water	Water	2.00
Triethanolamine	TEA 99%/Rita Corp.	0.50
Phase VI		
Lactobacillus Ferment Lysate	Probacillus Revive/Active Concepts, LLC	2.80
Water (and) Glycerin (and) Sodium Levulinate (and) Sodium Anisate	Dermofeel 1388/Dr. Straetmans	3.00
Citric Acid	Citric Acid 50% Solution	0.78
Fragrance	Green Tea & Bergamot 302-671/American Flavors and Fragrances	0.20

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge Dermofeel PA-3. Charge Sorbitol Solution. Begin heating to 75°C.
- Phase II:** Pre-blend and add to main.
- Phase III:** In a separate container, add ingredients and heat to 80°C. Once temperatures have been reached, add to main. Maintain batch temperature of 78°C and continue mixing for 15 minutes.
- Phase IV:** Begin force cooling. Add to main at 60°C.
- Phase V:** Pre-blend and add to main at 50°C.
- Phase VI:** Add to main at 45°C.

Note: Adjust pH to be 5.50 or below to ensure proper preservation.

Probiotic Night Serum

Formulation Code: FNFB01-61

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Milk Powder	ABS Goat Milk Powder/Active Concepts, LLC	0.50
Allantoin	Allantoin/Protameen	0.50
Panthenol	D,L Panthenol/Rita Corp.	0.50
Water (and) Algae Extract	AC Alg-Moist EAU/Active Concepts, LLC	50.00
Methyl Gluceth-20	Glucam E-20/Chemron	1.00
Lactobacillus/Punica Granatum Fruit Ferment Extract	ACB Modified Pomegranate Enzyme PF/Active Concepts, LLC	1.00
Water (and) Phospholipids (and) Ubiquinone	AC Co-Enzyme Q-10 Liposome PBF	2.00
Hydrolyzed Corn Protein (and) Hydrolyzed Wheat Protein (and) Hydrolyzed Soy Protein	AC Plant Keratin/Active Concepts, LLC	1.00
Hydrolyzed Wheat Protein	Probacillus Revive/Active Concepts, LLC	2.00

Manufacturing Process:

Phase I: Charge water into main beaker and begin propeller mixing. A vortex should form. Charge each ingredient individually and allow dispersal. May heat to 50°C.