

ABS White Willow Bark Extract Powder Sample Formulations

Code: 10229
INCI Name: Salix Alba (Willow) Bark Extract
CAS #: 84082-82-6
EINECS #: 282-029-0

Sample Finished Formulation Guidelines

Eye Regenerator
NCCT-11-011 – Eye Regenerator

Soothing Bamboo Body Lotion
FNBB01-91 – Soothing Bamboo Body Lotion

Multivitamin Facial Cream
CTNC11-008 – Multivitamin Facial Cream



Tomorrow's Vision... Today!

Eye Regenerator

Formulation Code: NCCT-11-011

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Salix Alba (Willow) Bark Extract	ABS White Willow Bark Extract Powder/Active Concepts, LLC	1.00
Glycyrrhiza Glabra (Licorice) Leaf Extract	ABS Licorice Extract Powder/Active Concepts, LLC	2.00
Butylene Glycol	Butylene Glycol	2.50
Carbomer	Ultrez 10/Noveon	0.30
Phase II		
Glycerin	Glycerin	2.00
Carrageenan	Viscarin PC 209/FMC BioPolymer	0.50
Phase III		
Tocopheryl Acetate	Rita Vitamin E Acetate/Rita Corp.	1.00
Glyceryl Stearate	Lipo GMS 450/Lipo Chemicals	4.00
Stearic Acid	Stearic Acid/Rita Corp.	2.00
Bisabolol	Bisabolol/Kinetik Technologies	0.25
Punica Granatum (Pomegranate) Sterols	ABS Pomegranate Sterols/Active Concepts	0.50
Isopropyl Palmitate	Rita IPP/Rita Corp.	0.50
Cetyl Alcohol	Cetyl Alcohol/Protameen	2.25
Cyclopentasiloxane (and) Polymethylsilsesquioxane	Silderm Emulsifying CS/Active Concepts, LLC	3.00
Butyrospermum Parkii (Shea Butter)	Shea Butter/Protameen	1.50
Simmonsia Chinensis (Jojoba) Seed Oil	Lipovol J/Lipo Chemicals	1.00
Butylene Glycol Dicaprylate/Dicaprate	Dermofeel BGC/Kinetik Technologies	2.00
Hellanthus Annuus (Sunflower Seed) Oil	Lipovol SUN/Lipo Chemicals	1.00
Phase IV		
Fragrance or Water (and) Glycerin (and) Sodium Levulinate (and) Sodium Anisate	Dermofeel 1388/Kinetik Technologies	3.00
Phase V		
Water	Water	2.00
Triethanolamine	TEA 99%/Rita Corp.	0.50
Phase VI		
Water & Lactobacillus Ferment Lysate Filtrate & Camellia Sinensis Leaf Extract & Punica Granatum Extract & Caffeine	Revital-Eyes / Active Concepts, LLC	5.00
Polyacrylamide (and) C13-14 Isoparaffin (and) Laureth-7	Sepigel 305/Seppic	2.00
Citric Acid	Citric Acid 50% Solution	0.50
Water & Phospholipids (and) Retinol	AC Retinol Liposome/Active Concepts, LLC	1.00

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge Dermofeel PA-3. Sift in ABS White Willow Bark Extract Powder. Sift in ABS Licorice Extract Powder. Charge Butylene Glycol. Sift in Ultrez 10. Begin heating to 75°C.
- Phase II:** Pre-blend and add to main.
- Phase III:** In a separate beaker, blend ingredients and heat to 80°C. Once temperatures have been reached, add to Phase I. Maintain temperature of 78°C and continue mixing for 15 minutes.
- Phase IV:** Begin force cooling. Add to at 50°C.
- Phase V:** Pre-blend and add to main.
- Phase VI:** Add each at 45°C.



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Soothing Bamboo Body Lotion

Formulation Code: FNBB01-91

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Salix Alba (Willow) Bark Extract	ABS White Willow Bark Extract Powder/Active Concepts, LLC	2.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Butylene Glycol	Butylene Glycol	2.50
Carbomer	Ultrez 10/Noveon	0.50
Phase II		
Glycerin	Glycerin	2.00
Carrageenan	Viscarin PC 209/FMC BioPolymer	0.75
Phase III		
Tocopherol Acetate	Rita Vitamin E Acetate/Rita Corp.	0.50
Glyceryl Stearate	Protachem GMS 450/Protameen	4.00
Stearic Acid	Stearic Acid/Rita Corp.	2.00
Beeswax	Beeswax/Strahl & Pitsch	0.50
Isopropyl Palmitate	Rita IPP/Rita Corp.	0.50
Cetyl Alcohol	Cetyl Alcohol/Rita Corp.	2.25
Butyrospermum Parkii (Shea Butter)	Shea Butter/Chesham Specialty Ingredients Limited	1.50
Simmondsia Chinensis (Jojoba) Seed Oil	Clear Jojoba Oil/Arista	2.50
Helianthus Annuus (Sunflower) Seed Oil	Sunflower Oil/Arista	2.50
Phase IV		
Lactobacillus/Arundinaria Gigantea Ferment Extract	ACB Bamboo Bioferment PF/Active Concepts, LLC	10.00
Phase V		
Water	Water	2.00
Triethanolamine	TEA 99%/Rita Corp.	0.30
Phase VI		
Lactobacillus Bulgaricus Ferment Filtrate	ACB Yogurt Dermal Respiratory Factor/Active Concepts, LLC	4.00
Phase VII		
Lactobacillus Ferment	Leucidal Liquid SF/Active Micro Technologies	2.00
Phase VIII		
Fragrance	Lavender & Vanilla Sage 302-669/American Flavors & Fragrances	0.30

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Begin heating to 75°C. Sift in ABS White Willow Bark Extract Powder Charge Dermofeel PA-3. Charge Butylene Glycol. Sift in Ultrez 10.
- Phase II:** Pre-blend and add to main.
- Phase III:** In a separate container, blend ingredients and heat to 80°C. Once temperatures have been reached, add to main. Maintain temperature of 78°C and continue mixing for 15 minutes.
- Phase IV:** Remove heat. Add at 60°C.
- Phase V:** Begin force cooling. Pre-blend and add to main.
- Phase VI:** Add at 45°C.
- Phase VII:** Add to main.
- Phase VIII:** Add to main.

Multivitamin Facial Cream

Formulation Code: CTNC11-008

Ingredient	Trade Name/Vendor	%
Phase I		
	Demineralized Water	QS
Acrylates/C10-30 Alkyl Acrylate Crosspolymer	Carbopol Ultrez/Noveon	0.35
Butylene Glycol	Butylene Glycol	3.00
Polyacrylamidomethylpropane Sulfonic Acid	Cosmedia HSP-1180/Cognis Care Chemicals	0.50
Water & Propylene Glycol & Avena Sativa (Oat) Kernel Extract	Oat Beta Glucan	1.00
Glycerin	Glycerin	1.00
Lactobacillus/Eriodictyon Californicum Ferment Extract	ACB Yerba Santa Glycoprotein/Active Concepts	1.00
Phase II		
Cetyl Alcohol	Lipocol C-Cetyl Alcohol 9/Lipo	0.65
Tocopheryl Acetate	Vitamin E Acetate/ Dai-Ichi Fine Chemical	0.25
Mangifera Indica (Mango) Seed Butter	Mango Butter/ Earth Supplied Products	0.85
Glyceryl Stearate	Lipo GMS 450/Lipo	2.00
Cyclomethicone	SF1204/ GE Silicones	0.90
Cetearyl Alcohol	Cetearyl Alcohol	2.40
Ceteareth-20	Ceteareth-20	0.60
Glycine Soja (Soybean) Seed Extract & Ceramide 3	Phyto-Oil C3/ Active Concepts	1.00
Dimethicone	SE30/ GE Silicones	0.10
Simmondsia Chinensis (Jojoba) Seed Oil	Lipovol J Lite/ Lipo	1.00
Octyl Palmitate	Octyl Palmitate/ISP	2.00
Caprylic/Capric Triglyceride	Myritol 318 (C/C T)/ Cognis Care Chemicals	2.00
Squalane	Amaranthus Squalane/Active Concepts	2.00
Phenyl Trimethicone	Baysilone PK5/ GE Bayer Silicones	0.75
Phase III		
Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment	ACB Bio-Chelate 5 PF/ Active Concepts	2.00
	Nanothalaspere BH5D	0.50
	Phytospere Chaloo 1A	0.50
Phase IV		
	TEA 99	0.35
	Demineralized Water	4.00
Phase V		
Leuconostoc/Radish Root Ferment Filtrate	Leucidal Liquid/Active Micro Technologies	2.00
Salix Alba (Willow) Bark Extract	ABS White Willowbark Extract/Active Concepts	5.00
Water & Triticum Vulgare (Wheat) Protein	AC DermaPeptide Tightening/Active Concepts	3.50

Protecting Moisturizer Formulation Code: CTNC11-006

Manufacturing Process:

- Phase I:** Combine above ingredients in individual containers and mix until uniform. Heat to 75C.
- Phase II:** Combine above ingredients in individual containers and mix until uniform. Heat to 75C. Add step two to step one, using a prop mixer set at moderate speed and mix for 45-60 minutes. Hold the temperature at 75C.
- Phase III:** Continue to mix and cool to 45C and add above ingredients and mix until uniform.
- Phase IV:** Add above ingredients and mix until uniform.
- Phase V:** Add above ingredients at 40C. Mix until uniform and cool to room temperature.