



Tomorrow's Vision... Today!®

Phyto-Biotics Acai® Sample Formulations

Code: 16587
INCI Name: Euterpe Oleracea Fruit Extract
CAS #: 999999-99-4
EINECS #: 310-127-6

Sample Finished Formulation Guidelines

Stem Cell Firming Eye Gel
NCJC-14-004

Stem Cell Anti-Aging Shampoo
FNJC04-34

Stem Cell Anti-Aging Conditioner
FNJC05-35

Version#1/09-24-14/Form#83

AC Stem Cell Firming Eye Gel

Formulation Code: NCJC-14-004

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Aloe Barbadosensis Leaf Extract	ABS Aloe Powder/Active Concepts, LLC	0.10
Carbomer	Ultrez 10/Noveon	0.50
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Glycerin	Glycerin	3.00
Phase II		
Water (and) Glycerin (and) Sodium Acrylate	Zilgel VV/Presperse	15.00
Mannan	Koniac Mannan/Kinetik Technologies	1.00
Phase III		
Hydroxypropyltrimonium Hydrolyzed Silk	AC Quaternized Silk/Active Concepts, LLC	0.50
Water (and) Butylene Glycol (and) Foeniculum Vulgare (Fennel) Fruit Extract	ABS Fennel Extract/Active Concepts, LLC	1.00
Lactobacillus/Theobroma Cacao (Cocoa) Fruit Ferment Filtrate	ACB Cocoa Bioferment/Active Concepts, LLC	1.00
Water (and) Saccharomyces Lysate Extract	AC Dermal Respiratory Factor/Active Concepts, LLC	0.50
Lactobacillus/Eriodictyon Californicum Ferment Extract	ACB Yerba Santa Glycoprotein/ Active Concepts, LLC	1.00
Lactobacillus/Ganoderma Lucidum (Reishi Mushroom Extract/Lentinus Edodes (Shitake Mushroom) Extract Ferment Filtrate	ACB Mushroom Extract SM/Active Concepts, LLC	1.00
Euterpe Oleracea Fruit Extract	Phyto-Biotics Acai®/Active Concepts, LLC	4.00
Phase IV		
Triethanolamine	TEA 99%/Rita Corp	0.50
Phase V		
Trimethylolpropane Tricaprylate/Tricaprate (and) Glycerin (and) Cetearyl Alcohol (and) Ceteareth 20 (and) Glyceryl Stearate (and) PEG 100 Stearate (and) Steareth 2 (and) Dimethicone (and) Ceteth 24 (and) Choleth 24 (and) Phospholipids (and) Propylene Glycol (and) Disodium EDTA	Nano-Emulsion Concentrate/Active Concepts, LLC	10.00
Phenoxyethanol (and) Methylparaben (and) Propylparaben (and) Ethylparaben (and) Butylparaben (and) Isobutylparaben	Phenonip/Clariant	1.00
Polymethylsilsesquioxane	SilDerm® SQ/Active Concepts, LLC	1.00

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 Aloe Powder. Sift in Ultrez 10. Mix for 15 minutes. Charge remaining ingredients and continue mixing for 15 minutes.

- Phase II:** Remove heat and switch to sweep mixing. Charge ingredients at 50°C.
Phase III: Add each ingredient.
Phase IV: Add to main.
Phase V: Charge Nano-Emulsion Concentrate. Charge Phenonip. Slowly sift in SilDerm SQ. May homogenize if necessary.

Stem Cell Anti-Aging Shampoo

Formulation Code: FNJC04-34

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Water (and) Algae Extract	AC Alg-Moist EAU/Active Concepts, LLC	3.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Phase II		
Ammonium Laureth Sulfate	Standapol EA-3/Cognis	25.00
Cocamidopropyl Betaine	Velvetex BA-35/Cognis	10.00
PEG-3 Distearate (and) Sodium Laureth Sulfate	Euperlan PK-900 BENZ-W/Cognis	2.00
PEG-150 Pentaerythrityl Tetrastearate	Crothix/Croda	0.30
Phase III		
Sodium Cocoyl Hydrolyzed Silk	AC Foaming Silk/Active Concepts, LLC	5.00
Euterpe Oleracea Fruit Extract	Phyto-Biotics Acai®/Active Concepts, LLC	4.00
Pisum Sativum Peptide	ACB Pisum Sativum Peptide/Active Concepts, LLC	3.50
Hydroxypropyltrimonium Hydrolyzed Oryza Sativa (Rice) Protein/Siloxysilicate (and) Oryza Sativa (Rice) Extract	AC Split End Complex/Active Concepts, LLC	1.50
Phase IV		
Lactobacillus Ferment	Leucidal Liquid SF/Active Micro Technologies	2.50
Fragrance	Green Tea & Bergamot 302-671/American Flavors & Fragrances	0.10

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.

Stem Cell Anti-Aging Conditioner Formulation Code: FNJC06-35

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Water (and) Algae Extract	AC Alg-Moist EAU/Active Concepts, LLC	3.00
Sodium Phytate	Dermofeel PA-3/Dr. Straetmans	0.20
Butylene Glycol	Butylene Glycol	3.00
Phase II		
Water (and) Trimethylolpropane Triethylhexanoate (and) Hydroxypropyltrimonium Hydrolyzed Rice Bran Protein (and) Glycerin (and) Cetearyl Alcohol (and) Ceteareth-20 (and) Glyceryl Stearate (and) PEG-100 Stearate (and) Steareth-2 (and) Dimethicone (and) Ceteth-24 (and) Choleth-24	NEC Conditioning/Active Concepts, LLC	20.00
Phase III		
Behentrimonium Methosulfate (and) Cetyl Alcohol (and) Butylene Glycol	Incroquat B TMS-50/Croda	2.50
Cetearyl Alcohol	Lanette O/Cognis	2.00
Phase IV		
Distearoylethyl Hydroxyethylmonium Methosulfate (and) Cetearyl Alcohol	Dehyquart F75/Cognis	3.50
Phase V		
Pisum Sativum (Pea) Peptide	ACB Pisum Sativum Peptide/Active Concepts, LLC	2.50
Hydroxypropyltrimonium Hydrolyzed Silk	AC Quaternized Silk/Active Concepts, LLC	2.50
Hydroxypropyltrimonium Hydrolyzed Oryza Sativa (Rice) Protein/Siloxysilicate & Oryza Sativa (Rice) Extract	AC Split End Complex/Active Concepts, LLC	1.50
Lactobacillus/Arundinaria gigantean ferment filtrate	ACB Bio-Water Bamboo/Active Concepts LLC	5.00
Euterpe Oleracea Fruit Extract	Phyto-Biotics Acai®/Active Concepts, LLC	4.00
Phase VI		
Lactobacillus Ferment	Leucidal Liquid SF/Active Micro Technologies, LLC	2.50
Fragrance	Green Tea & Bergamot 302-671/American Flavors & Fragrances	0.10

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge AC Alg-Moist EAU and Dermofeel PA-3. Charge Butylene Glycol and begin heating to 75°C.
- Phase II:** Add at 75°C.
- Phase III:** Pre-blend and heat to 80°C. Once temperature is reached, add to main. Maintain batch temperature of 75°C.
- Phase IV:** Add at 75°C. Homogenize for 10 minutes.
- Phase V:** Switch back to propeller mixing and begin force cooling. Add at 50°C.
- Phase VI:** Add each to main.