

# Phyto-Biotics Perilla Sample Formulations

**Code:** 40600  
**INCI Name:** Perilla Frutescens Extract  
**CAS #:** 90082-61-4  
**EINECS #:** 290-151-0

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## Sample Finished Formulation Guidelines

**Stem Cell Anti-Aging Perilla Conditioner**  
FNJC05-36 – Stem Cell Anti-Aging Perilla Conditioner



Tomorrow's Vision... Today!®

# Stem Cell Anti-Aging Perilla Conditioner

## Formulation Code: FNJC06-36

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

### 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.