



Tomorrow's Vision... Today!®

ACB Pisum Sativum Peptide Sample Formulations

Code: 16810
INCI Name: Pisum Sativum (Pea) Peptide
CAS #: 90082-41-0
EINECS #: 290-130-6

Sample Finished Formulation Guidelines

Anti-Aging Shampoo
FNFHB02-19

Anti-Aging Conditioner
FNHB02-38

Anti-Aging Moisturizer
JCFB03-63

Version#1/10-13-14/Form#83

Anti-Aging Shampoo

Formulation Code: FNFHB02-19

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
Pisum Sativum (Pea) 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.

Anti-Aging Conditioner

Formulation Code: FNHB02-38

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) 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	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
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.

Anti-Aging Moisturizer Formulation Code: JCFB03-63

Ingredient	Trade Name/Vendor	%
Phase I		
Water	Water	QS
Aloe Barbadosensis Leaf Extract	ABS Aloe Powder/Active Concepts, LLC	0.50
Panthenol	D,L Panthenol/Rita Corp.	0.50
Methyl Gluceth-20	Glucam E-20/Chemron	1.00
Allantoin	Allantoin/Protameen	0.50
Carbomer	Ultrez 10/Noveon	0.50
Phase II		
Stearic Acid	Stearic Acid/Rita Corp.	2.00
Simmondsia Chinensis (Jojoba) Seed Oil	Lipovol J/Lipo Chemicals	1.00
Cyclotetrasiloxane (and) Petrolatum (and) Ascorbic Acid (and) Polysilicone-11	Silderm Vitamin C/Active Concepts, LLC	1.00
Glycine Soja (Soybean) Oil	Lipovol SOY/Lipo Chemicals	1.00
Elaeis Guineensis (Palm) Oil	Lipovol PAL/Lipo Chemicals	0.25
Olea Europaea (Olive) Oil	Lipovol O/Lipo Chemicals	0.50
Glyceryl Stearate	Lipo GMS 450/Lipo Chemicals	2.00
Stearyl Alcohol	Rita SA/Rita Corp.	0.50
Butylene Glycol Dicaprylate/Dicaprate	Dermofeel BGC/Dr. Straetmans	2.00
Isopropyl Palmitate	Liponate IPP/Lipo Chemicals	0.75
Dimethicone	DC 200/50/Dow Corning	1.00
Phase III		
Water	Water	2.00
Triethanolamine	TEA 99%/Rita Corp.	0.20
Phase IV		
Water (and) Phospholipids (and) Ascorbyl Palmitate	AC Vitamin C Liposome/Active Concepts, LLC	2.00
Hydrolyzed Corn Protein (and) Hydrolyzed Wheat Protein (and) Hydrolyzed Soy Protein	AC Plant Keratin/Active Concepts, LLC	1.00
Hydrolyzed Wheat Protein	AC DermaPeptide Tightening/Active Concepts, LLC	2.00
Water (and) Prunus Amygdalus Dulci (Sweet Almond) Seed Extract	AC DermaPeptide Lifting/Active Concepts, LLC	2.00
Pisum Sativum (Pea) Peptide	ACB Pisum Sativum Peptide/Active Concepts, LLC	1.00
Colloidal Oatmeal	ABS Colloidal Oat/Active Concepts, LLC	1.00
Hydrolyzed Soymilk Protein	AC Soy Milk Hydrolysate/Active Concepts, LLC	1.00
Mannan	Konjac Mannan SP/Kinetik Technologies	1.00
Butylene Glycol (and) Water (and) Flaxseed Extract	ABS Flaxseed Extract/Active Concepts, LLC	5.00
Lactobacillus/Theobroma Cacao (Cocoa) Fruit Ferment Filtrate	ACB Cocoa Bioferment/Active Concepts, LLC	5.00
Lactobacillus Ferment	Leucidal Liquid SF/Active Micro Technologies	1.00
Sodium Hydroxide	NaOH 25% Solution	0.30



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Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Sift in ABS Aloe Powder. Sift in D, L Panthenol. Charge Glucam E-20. Sift in Allantoin. Sift in Ultrez 10. Begin heating to 75°C.
- Phase II:** In a separate container mix ingredients and heat to 80°C. Once temperatures have been reached, add to Phase I. Continue mixing for 15 minutes.
- Phase III:** Begin force cooling. Pre-blend and add to main.
- Phase IV:** Add at 45°C.