



Tomorrow's Vision... Today!®

# AC DermaPeptide MicroC PF Sample Formulations

**Code:** 20450PF  
**INCI Name:** Saccharomyces/Capsicum Annuum Fruit Ferment Filtrate  
**CAS #:** 84625-29-6  
**EINECS #:** 283-403-6

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## Sample Finished Formulation Guidelines

**Rejuvenating Moisturizer**  
CTNC12-009

**Scalp Treatment**  
FNHB02-12-3

**Moisturizing Body Cream**  
FNBB01-48

Version#2/10-14-14/Form#83



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# Rejuvenating Moisturizer

## Formulation Code: CTNC12-009

| Ingredient  | Trade Name/Vendor   | %           |
|---|---|-------------|
| <b>Phase I</b>  |   |             |
| Water   | Water   | <b>QS</b>   |
| Sodium Phytate  | Dermofeel PA-3/Dr. Straetmans                               | <b>0.20</b> |
| Sorbitol Solution   | Sorbitol Solution/Lipo Chemicals                            | <b>2.00</b> |
| Urea  | Urea  | <b>5.00</b> |
| <b>Phase II</b>   |   |             |
| Propylene Glycol  | Propylene Glycol  | <b>3.00</b> |
| Xanthan Gum   | Keltrol CG/C.P. Kelco                                       | <b>0.40</b> |
| <b>Phase III</b>  |   |             |
| Mineral Oil   | Mineral Oil 70/Rita Corp.                                   | <b>9.00</b> |
| Petrolatum  | Ultra White Petrolatum/Rita Corp.                           | <b>2.00</b> |
| Stearic Acid  | Stearic Acid/Rita Corp.                                     | <b>2.00</b> |
| Lanolin   | Lanolin/Rita Corp.  | <b>2.50</b> |
| Lanolin Alcohol   | Ritawax/Rita Corp.  | <b>1.50</b> |
| Cetyl Alcohol   | Cetyl Alcohol/Protameen                                     | <b>1.30</b> |
| PPG-3 Myristyl Ether  | Jeecol PMA-3/Jeen   | <b>1.00</b> |
| Microcrystalline Wax  | Microcrystalline Wax/Strahl & Pitsch                        | <b>0.50</b> |
| Dimethicone   | DC 200/100/Dow Corning                                      | <b>1.00</b> |
| Glyceryl Stearate   | Lipo GMS 450/Lipo   | <b>1.00</b> |
| <b>Phase IV</b>   |   |             |
| Tocopherol Acetate  | Vitamin E Acetate/Rita Corp                                 | <b>0.10</b> |
| <b>Phase V</b>  |   |             |
| Water   | Water   | <b>2.00</b> |
| Triethanolamine   | TEA 99%/Rita Corp.  | <b>0.50</b> |
| <b>Phase VI</b>   |   |             |
| Ginko Biloba Leaf Extract   | ABS Ginkgo Biloba Extract/Active Concepts                   | <b>5.00</b> |
| Saccharomyces/Capsicum Annuum Fruit Ferment Filtrate  | AC DermaPeptide MicroC PF/<br>Active Concepts               | <b>8.00</b> |
| Water (and) Saccharomyces Lysate Extract  | ACB Yogurt Dermal Respiratory Factor/<br>Active Concepts    | <b>5.00</b> |
| Saccharomyces/Camellia Sinensis Leaf/Origanum Majorana Leaf/Hippophae Rhamnoids Fruit/Ribes Grossularia Fruit Ferment Extract & Propanediol | ACB CytoGuard Advanced/<br>Active Concepts                  | <b>2.00</b> |
| Propanediol & Saccharomyces/Podophyllum Peltatum Ferment Filtrate   | ACB Sirtuin Complex PD/<br>Active Concepts LLC              | <b>2.00</b> |
| Water (and) Glycerin (and) Sodium Levulinate (and) Sodium Anisate   | Dermofeel 1388/Dr. Straetmans                               | <b>3.00</b> |
| Citric Acid   | Citric Acid 50% Solution                                    | <b>0.70</b> |
| Fragrance   | Green Tea & Bergamot 302-671/American Flavor and Fragrances | <b>0.20</b> |



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### Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge Dermofeel PA-3. Charge Sorbitol Solution. Sift in Urea. 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 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.

### Notes:

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

# Scalp Treatment

## Formulation Code: FNHB02-12-3

| Ingredient   | Trade Name/Vendor   | %            |
|--|---|--------------|
| <b>Phase I</b>   |   |              |
| Water  | Water   | <b>QS</b>    |
| Water & Algae Extract  | AC Alg-Moist EAU/Active Concepts, LLC                             | <b>8.00</b>  |
| Populus Tremuloides (Aspen) Bark Extract   | Phytocide Aspen Bark Extract Powder/<br>Active Micro Technologies | <b>2.00</b>  |
| Salix Alba (White Willow) Bark Extract   | ABS White Willow Bark Extract Powder/<br>Active Concepts, LLC     | <b>2.00</b>  |
| Sodium Phytate   | Dermofeel PA-3/Dr. Straetmans                                     | <b>0.20</b>  |
| Saccharomyces/Capsicum Annum Fruit Ferment Extract   | AC DermaPeptide MicroC PF/<br>Active Concepts, LLC                | <b>15.00</b> |
| Lactobacillus Bulgaricus Extract   | ACB Yogurt Dermal Respiratory Factor/<br>Active Concepts, LLC     | <b>5.00</b>  |
| Butylene Glycol & Water & Spiraea Ulmaria Extract  | AC Sebum Control Enzyme PBF/<br>Active Concepts, LLC              | <b>5.00</b>  |
| Water & Zingiber Officinale (Ginger) Root Extract & Mentha Piperita (Peppermint) Leaf Extract  | ABS Ginger Mint Extract Cooling/<br>Active Concepts, LLC          | <b>2.00</b>  |
| Water & Saccharomyces/Zinc Ferment & Saccharomyces/Copper Ferment & Saccharomyces/Magnesium Ferment & Saccharomyces/Iron Ferment & Saccharomyces/Silicon Ferment | ACB Bio-Chelate 5 PF/<br>Active Concepts, LLC                     | <b>3.00</b>  |
| Leuconostoc/Radish Root Ferment Filtrate   | Leucidal Liquid/Active Micro Technologies                         | <b>2.00</b>  |
| Sodium Hydroxide   | NaOH 25% Solution   | <b>0.15</b>  |

### Manufacturing Process:

**Phase I:** In main beaker, charge water and begin propeller mixing. A vortex should form. Add each ingredient individually allowing complete dispersion between additions.

# Moisturizing Body Cream

## Formulation Code: FNBB01-48

| Ingredient   | Trade Name/Vendor  | %            |
|--|--|--------------|
| <b>Phase I</b>   |  |              |
| Water  | Water  | <b>QS</b>    |
| Sodium Phytate   | Dermofeel PS-3/Dr. Straetmans                                | <b>0.20</b>  |
| Sorbitol Solution  | Sorbitol Solution/ Lipo Chemicals                            | <b>2.00</b>  |
| Urea   | Urea   | <b>5.00</b>  |
| <b>Phase II</b>  |  |              |
| Propylene Glycol   | Propylene Glycol   | <b>3.00</b>  |
| Xanthan Gum  | Keltrol CG/C.P.Kelco   | <b>0.40</b>  |
| <b>Phase III</b>   |  |              |
| Mineral Oil  | Mineral Oil 70/ Rita Corp.                                   | <b>9.00</b>  |
| Petrolatum   | Ultra White Petrolatum/ Rita Corp.                           | <b>2.00</b>  |
| Stearic Acid   | Stearic Acid/ Rita Corp.                                     | <b>2.00</b>  |
| Lanolin  | Lanolin/ Rita Corp.  | <b>2.50</b>  |
| Lanolin Alcohol  | Ritawax/ Rita Corp.  | <b>1.50</b>  |
| Cetyl Alcohol  | Cetyl Alcohol/ Protameen                                     | <b>1.30</b>  |
| PPG-3 Myristyl Ether   | Jeecol PMA-3/ Jeen   | <b>1.00</b>  |
| Microcrystalline Wax   | Microcrystalline Wax/ Strahl & Pitsch                        | <b>0.50</b>  |
| Dimethicone  | DC 200/100/Dow Coming  | <b>1.00</b>  |
| Glyceryl Stearate  | Lipo GMS 450/Lipo  | <b>1.00</b>  |
| <b>Phase IV</b>  |  |              |
| Tocopherol Acetate   | Vitamin E Acetate/ Rita Corp.                                | <b>0.10</b>  |
| <b>Phase V</b>   |  |              |
| Water  | Water  | <b>2.00</b>  |
| Trietholamine  | TEA 99% / Rita Corp.   | <b>0.50</b>  |
| <b>Phase VI</b>  |  |              |
| Ginko Biloba Leaf Extract  | ABS Ginko Biloba Extract/ Active Concepts, LLC.              | <b>5.00</b>  |
| Saccharomyces/ Capsicum Annum Fruit Ferment Filtrate                                 | AC DermaPeptide MicroC PF/ Active Concepts, LLC.             | <b>10.00</b> |
| Water & Citrus Sinensis (Blood Orange) Fruit Extract & Aloe Barbadensis Leaf Extract | AC Moisturezyme Protect                                      | <b>5.00</b>  |
| Water & Glycerin & Sodium Levulinate & Sodium Anisate                                | Dermofeel 1388/ Dr. Straetmans                               | <b>3.00</b>  |
| Citric Acid  | Citric Acid 50% Solution                                     | <b>0.70</b>  |
| Fragrance  | Green Tea & Bergamot 302-671/ American Flavor and Fragrances | <b>0.20</b>  |

Manufacturing Process:

- Phase I:** Charge water into main beaker and begin propeller mixing. A vortex should form. Charge Dermofeel PA-3. Charge Sorbitol Solution. Sift in Urea. Begin heating to 75°C.
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- Phase V:** Pre-blend and add to main at 50°C
- Phase VI:** Add to main at 45°C

Notes:

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