

# FORMULATIONS

BY ROSS ORGANIC, INC.

## Lotion (#AL-223-174-A)

|   | Ingredients                           | INCI's   | Functions   | %    | Suppliers           |
|---|---------------------------------------|--|---|------|---------------------|
| A | <b>DI Water</b>                       | Water (Aqua)   | Solvent   | qs   | -                   |
| A | <b>Cosphaderm X34 Veg</b>             | Xanthan Gum  | Thickener   | 0.30 | Cosphatec           |
| A | <b>Carrageenan CG 131</b>             | Carrageenan  | Thickener   | 0.30 | CP Kelco            |
| A | <b>Sensiva PA 40</b>                  | Phenylpropanol (and) Propanediol (and) Caprylyl Glycol (and) Tocopherol  | Anti-microbial Agent                                | 1.00 | Schulke             |
| A | <b>Cosphaderm GMG</b>                 | Glyceryl Caprylate (and) Propanediol (and) Psidium Guajava Leaf Extract (and) Glycerin (and) Magnolia Officinalis Bark Extract | Skin Conditioning Agent, Emollient, Emulsifier      | 1.00 | Cosphatec           |
| A | <b>Glycerin</b>                       | Glycerin   | Humectant   | 3.00 | -                   |
| A | <b>Cosphaderm Propanediol Natural</b> | Propanediol  | Humectant, Emollient                                | 2.00 | Cosphatec           |
| A | <b>Cp Oat Beta Glucan Liquid</b>      | Avena Sativa (Oat) Bran Extract, Water, Sodium benzoate, Potassium sorbate   | UVA/UVB damage protection; Anti-aging               | 1.00 | Ceapro              |
| B | <b>Andean Q Ultra Organic</b>         | Quillaja saponaria wood extract liquid   | Surfactant Extract; Foaming Agent and CO-emulsifier | 2.00 | Desert King         |
| B | <b>Cetiol CC</b>                      | Dicaprylyl Carbonate   | Emollient   | 4.00 | BASF                |
| B | <b>Floramac 10</b>                    | Ethyl Macadamiate (and) Tocopherol (and) Malic Acid  | Skin Conditioning agent, Emollient                  | 4.00 | Floratech           |
| B | <b>HallStar GMS SE</b>                | Glyceryl Stearate  | Emulsifying Agent, Glyceryl Ester, Surfactant       | 5.00 | HallStar            |
| B | <b>Lanette O</b>                      | Cetearyl Alcohol   | Viscosity Modifier                                  | 3.00 | BASF                |
| C | <b>BioScent Bergamot Oil Italian</b>  | Citrus Aurantium Bergamia Fruit Oil  | Essential Oil; Perfumary                            | 0.5  | BioOrganic Concepts |
| D | <b>Citric Acid</b>                    | Water (Aqua) (and) Citric Acid   | pH Adjuster   | qs   | -                   |

### Instructions:

- 1) Add Phase A. Heat to 70°C
- 2) Premix B. Heat to 70°C and add to A .
- 3) Homogenize until smooth and uniform
- 4) At 40°C, add C
- 5) pH 5.00 - 5.50

**Specifications:** **Appearance:** Smooth Shiny Semi-viscous Lotion; **Color:** Beige; **Viscosity:** 12,480 cps (LVT # T-C @ 3rpm, 1 min, 25°C)