



Formulation

No. 3007

Nourishing Baby Lotion

DESCRIPTION

This formulation contains **Poly Suga®Mulse D6**, **Colonial Monolaurin MB**, and **Cola®Fax CPE-K**, NPA Certified ingredients, for a silicone free, mild baby lotion. It is nourishing and irritant free with a hint of lavender for calming even the fussiest of babies.

FORMULATION

Order	INCI Name	Trade Name	%
A	Water		qs to 100.00
A	Cetyl Hydroxyethylcellulose	Natrosol® Plus 330 CS ¹	0.50
A	Sorbitan Oleate Decylglucoside Crosspolymer	Poly Suga®Mulse D6	4.00
A	Glyceryl Laurate	Colonial Monolaurin MB	0.50
A	Potassium Cetyl Phosphate	Cola®Fax CPE-K	1.00
A	Glycerin		2.00
B	Tricaprylin	Dermofeel® MCT ²	3.00
B	Undecane and Tridecane	Cetiol® Ultimate ³	5.00
B	Argania Spinosa Kernel (Argan) Oil	Argan Oil RBD ⁴	2.00
B	Cetyl Alcohol	Lanette® 16 ³	4.00
B	Coco-Caprylate	Cetiol® C 5 ³	2.50
C	Phenoxyethanol and Ethylhexylglycerin	Euxyl® PE 9010 ⁵	0.50
C	Lavandula Angustifolia (Lavender) Oil	Lavender 40/42 Oil ⁶	0.05

PROCEDURE

1. In primary vessel, combine Water and Cetyl Hydroxyethylcellulose. Hydrate according to manufacturer instructions.
2. Heat to 70°C while adding remaining phase A ingredients.
3. In a side vessel, combine phase B ingredients. Heat to 70°C.
4. Once both phases are homogeneous and at temperature, add B to A slowly with good mixing.
5. Slowly cool to 50°C and add phase C ingredients.
6. Homogenize and fill containers.

TYPICAL PROPERTIES

Appearance Opaque
pH 6.0
Viscosity 50,000 cP

SUPPLIERS

¹Ashland, ²Dr. Straetmans, ³BASF, ⁴Charkit, ⁵Schülke & Mayr, ⁶Orchidia

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