

Natural Lotion Base No.3

LO20007

PHASE	INGREDIENT NAME	INCI NAME	% W/W	FUNCTION	SUPPLIER
A	DI Water	Water	72.38	Solvent	
	Veegum Ultra	Magnesium Aluminum Silicate	0.30	Rheology Modifier	Vanderbilt
	Activonol BG	Butylene Glycol	5.00	Humectant	Kaneda
	Vanzan NF-C	Xanthan Gum	0.50	Thickener	Vanderbilt
B	LIPOID P 75-3	Hydrogenated Phospholipid	1.00	Emulsifier	Lipoid
C	Olivem 1000	Cetearyl Olivatate, Sorbitan Olivatate	3.00	Emulsifier	
	Shea Butter	Butyrospermum Parkii Butter	2.00	Emollient	
	Jjoba Oil	Simmondsia Chinensis Seed Oil	2.00	Emollient	Gastavv Heez
D	Silike 350	Propylene Glycol, Glycerin, Glucose	8.00	Natural Silicone Alternative (Dimethicone 350)	Maian
E	DI Water	Water	5.00	Solvent	
	Purox S	Sodium Benzoate	0.53	Preservative	Emerald Kalama
	Potassium Sorbate	Potassium Sorbate	0.30	Preservative	

Procedure

1. Slowly disperse Veegum Ultra into water at 75°C while stirring with a propeller mixer (800rpm) for 10 minutes
2. Add Vanzan NF-C and Activonol BG and mix until homogeneous
3. Add Lipoid P75-3 into part A while stirring
4. Slowly add part C and D into part AB at 70-75°C and keep stirring for 10 minutes
5. Homogenize at 70-75°C for 5 minutes
6. Cool down while slowly mixing to 50°C
7. Add part E and mix until homogeneous

Technical Data

Appearance: Opaque emulsion

pH: 6.61

Spindle, rpm: LV63, 60

Viscosity 0 hr @RT: N/A

Viscosity 24 hr @RT: 1674 cps (83.7%)

(Brookfield LV DV-I+)

Natural and natural origin percentage: 99.17%

