

FORMULATION

Hand Lotion

#LPC-24-3

Overview

This luxurious hand lotion infused with sodium polyaspartate delivers intense hydration and a touch of weightless luxury. It absorbs quickly, leaving your hands feeling soft, smooth, and moisturized.

Composition

Trade Name	INCI	% w/w
DI Water	Water	78.10
Glycerin 99%	Glycerin	2.00
Keltrol CG	Xanthan Gum	0.25
Lanette O	Cetearyl Alcohol	1.50
Montanov 68	Cetearyl Alcohol (and) Cetearyl Glucoside	4.00
Liponate GC	Caprylic/Capric Triglyceride	12.00
Soltellus 2501L (Lygos)	Sodium Polyaspartate	1.25
Euxyl PE9010	Phenoxyethanol (and) Ethylhexylglycerin	0.90
Citric Acid Solution 1%	Citric Acid	qs
		100.00

Procedure

1. In main vessel add water and begin mixing.
2. Premix glycerin and xanthan gum then slowly add to main vessel, continue mixing, begin heating to 80°C.
3. In side vessel combine Lanette O, Montanov 68, and Liponate GC. Begin heating to 80°C while slowly mixing.
4. When both the water phase and oil phase are 80°C combine phases, continue mixing and hold at temperature for 10 minutes.
5. Slowly begin cooling while mixing.
6. When batch reaches 60°C slowly add Soltellus to batch, continue mixing.
7. When batch reaches 45°C slowly add preservative, continue mixing.
8. Make final pH adjustments with citric acid solution to 5.75-6.25.

Technical Specifications

Parameter	Value
pH (as is)	5.75-6.25
Viscosity (cPs)	7,000-10,000