

Refine Serum

with LIPOID H 100-3, LIPOID H 100,
LIPOID Liposome C Eco and Herbaglow® NRG

Phase	Ingredient	INCI	Function	Supplier	% w/w
A	Deionized Water	Aqua (Water)			ad 100
	Solagum™ AX	Acacia Senegal Gum, Xanthan Gum	Thickener	Seppic	0.20
	Corn Starch	Zea Mays (Corn) Starch	Thickener		2.00
	Glycerin 86.5 %	Glycerin, Aqua (Water)	Humectant		5.00
	LIPOID H 100-3	Hydrogenated Phosphatidylcholine	Emulsifier	Lipoid Kosmetik	1.50
	Cosphaderm® Dicapo natural	Caprylyl Glycol, Propanediol, Glyceryl Caprylate	Preservative	Cosphatec	0.70
	Cosphaderm® Pentiol	Pentylene Glycol	Humectant	Cosphatec	3.75
B	Behenyl Alcohol	Behenyl Alcohol	Consistency enhancer		1.00
	Almond Oil	Prunus Amygdalus Dulcis (Sweet Almond) Oil	Emollient		3.00
	Castor Oil	Ricinus Communis (Castor) Seed Oil	Emollient		2.50
	MCT	Caprylic/Capric Triglyceride	Emollient		3.00
	Baumwoll Soft Butter™	Gossypium Herbaceum (Cotton) Seed Oil, Hydrogenated Vegetable Oil, Tocopherol	Emollient	Greentech	1.50
	LIPOID H 100	Phosphatidylcholine, Tocopherol	Active ingredient	Lipoid Kosmetik	1.00
	Covi-ox® T-90 EU C	Tocopherol	Antioxidant	BASF	0.20
C	LIPOID Liposome C Eco	Glycerin, Aqua (Water), Ascorbyl Glucoside, Lecithin, Sodium Hydroxide, Tocopherol	Active ingredient	Lipoid Kosmetik	5.00
	HerbaGlow® NRG	Propanediol, Aqua (Water), Capparis Spinosa Bud Extract, Rhodiola Rosea Root Extract, Morus Nigra Leaf Extract	Active ingredient	Lipoid Kosmetik	1.00
	PÖ Luxury Cocoa Butter P0241528	Parfum (Fragrance), Hexyl Cinnamal, Geraniol	Fragrance	Frey & Lau	0.20
D	Sodium Hydroxide	Sodium Hydroxide	Neutralizing agent		q.s.

Procedure

- Mix components of phase A at 75 °C
- Mix components of phase B to 70 °C
- Add LIPOID H 100 and Covi-ox® T-90 EU C and stir until homogenous
- Add phase B to A and homogenize
- Cool down while stirring
- Add phase C to AB
- Adjust pH with D to 6.5 if necessary

Refine Serum

Technical Data

- Appearance: white to very slightly beige, thin lotion
- pH value: approx. 6.5
- Viscosity value: ~1000 mPas (Anton Paar ViscoQC 300-R Sp 4/100 rpm/25 °C)

Formulation Stability

Successfully passed internal stress test (6 weeks at 45 °C and 5 freeze-thaw cycles -18/+45 °C)

Microbiological Stability

Successfully passed microbial challenge test (Ph. Eur. 5.01.03/current version)

Lipoid Kosmetik Products

- LIPOID H 100-3 (Art. 525800.00.4)
- LIPOID H 100 (Art. 539800.00.4)
- LIPOID Liposome C Eco (Art. 512390.00.04)
- HerbaGlow® NRG (Art. 410174.00.2)

Disclaimer: The information contained herein is, to our best knowledge, true and accurate, but all recommendations or suggestions are made without guarantee. This is a prototype formulation supplied only as an example of how to use our raw materials and requires further evaluation by customers.

LK_FFO_Refine Serum_220831