

Jungbunzlauer

From nature to ingredients®



Smooth lotion

with Xanthan Gum and
Tricalcium Citrate

Phase	Ingredients	INCI	Supplier	Quantity
A	Water demin.	Aqua		Qs to 100 %
	Tricalcium Citrate M1098	Calcium Citrate	Jungbunzlauer	0.40 %
B	Verdessence™ Alginate	Algin	BASF	1.00 %
	Xanthan Gum FNCS-PC	Xanthan Gum	Jungbunzlauer	2.00 %
C	Glycerine	Glycerine		3.00 %
D	Eumulgin® SG	Sodium Stearoyl Glutamate	BASF	0.80 %
	Sheabutter	Butyrospermum Parkii Butter		2.00 %
	Cetiol® C5	Coco-Caprylate	BASF	6.00 %
	Myritol® 312	Caprylic/Capric Triglyceride	BASF	7.00 %
E	Preservative(s)			Qs
F	Citric Acid	Citric Acid	Jungbunzlauer	Qs

Directions

- 1 Put water into a vessel and add tricalcium citrate. Stirr for at least 10 min under high shear
- 2 Add alginate and xanthan gum slowly one by one to phase A under high shear, start with alginate
- 3 Add glycerine to phase AB and heat to 70 °C (158 °F)
- 4 Mix phase D and heat to 70 °C (158 °F)
- 5 Combine phase ABC with phase D and homogenise until a smooth lotion is formed
- 6 Let cool down to 40 °C (104 °F) and add preservative(s) (phase E)
- 7 Set pH value with phase F

Technical Data

Appearance: white lotion

pH value: 5.5

Viscosity Brookfield: (Sp. 64 / 6 RPM) 70000 mPa·s

Stability

Stable for at least 3 months at RT, 5 °C (41 °F) and 40 °C (104 °F)



Headquarters **Jungbunzlauer Suisse AG** · CH-4002 Basel · Switzerland · Phone +41-61-2955 100

For further information please contact: headquarters@jungbunzlauer.com

www.jungbunzlauer.com

The information contained herein is meant to demonstrate how our products can be used. This formulation has been subjected to limited stability tests and has been shown to perform well. The given data are suggestions without any guarantee aimed to support customers' development.