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## ALOE VERA Shower Gel for Body & Hair (SLI-023)

This formulation produces a clear shower gel with excellent foaming properties, skin mildness and conditioning effects.

Phase	Ingredient	INCI	% w/w	Function
A	Water demin.	AQUA	QS	
	Aloe Vera Gel Powder 200:1 – CG (Aloe Jaumave)	ALOE BARBADENSIS LEAF JUICE POWDER	0.10	Moisturizer
	Purabeet® Betaine Anhydrous (AGRANA Stärke)	BETAINE	3.00	Humectant Conditioner
	CBP Inulin FOS (Cosun Beet Company)	INULIN	0.25	Active
B	TEXAPON® K 30 UP	SODIUM COCO-SULFATE	15.00	Surfactant
	PROTELAN AG 37	DISODIUM COCOYL GLUTAMATE (and) SODIUM COCOYL GLUTAMATE	10.00	Surfactant
	PURTON C816	DECYL GLUCOSIDE	5.00	Surfactant
C	QUATIN® 350 TQ-D (Cosun Beet Company)	HYDROXYPROPYLTRIMONIUM INULIN	1.25	Conditioner
	PARFÜMÖL ALOE FLOWER (Frey + Lau GmbH)	PARFUM	1.00	Perfume
	FD&C Yellow No. 5 (1% solution)	CI 19140	0.03	Dye
	E131 Patentblau V (1% solution)	CI 42051	0.02	Dye
	Sharomix™ 713 (SHARON Laboratories)	POTASSIUM SORBATE (and) SODIUM BENTOATE (and) AQUA	1.50	Preservative
D	Citric Acid	CITRIC ACID	0.73	pH – Adjuster
E	Sodium Chloride	SODIUM CHLORIDE	2.00	Viscosity Adjusting

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### Specification:

Appearance: Clear green gel

pH-value: 4.90 – 5.20

Viscosity: approx. 27000 mPas  
(IKA Rotavisc me-vi, SP9, 5rpm, 20°C)

Stability: Stable for 3 months at 4°C, 20°C and 40°C,  
1 month at 45°C

### Procedure:

- I. Mix the components of phase A while stirring.
- II. Add Phase B to I, heat up to 40°C and mix while stirring.
- III. Cool down and add phase C.
- IV. Set pH-value with phase D.
- V. Set viscosity with Phase E.

### SLI Chemicals GmbH

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