HydraBoost Body Lotion

SC-DE-24-RC-4898232-011







Cold process.

Biopolymer based.

Made with 96% Natural Origin.

Easy to distribute and non-sticky formula.

Fast absorption and no whitening residue.

Market trend:

+90% growth in Body Lotions claim >95% Natural Origin

2021 vs 2023*





Cosmedia® HP Starch

Versatile plant-based biopolymer with good thickening and texturizing performance. Flexible in hot and cold processes

Verdessence® Ricetouch

100% plant based sensory powder with small particle size provides powdery smooth skin feel and mattifying effect

Cegesoft® PS 6

Slow spreading emollient that gives a luxurious, long-lasting feel on the skin. It's spreading properties are similar to that of paraffin oil

The lightweight body lotion absorbs quickly, distributes easily, and leaves a nonsticky finish. It deeply hydrates, leaving your skin silky-smooth and nourished.

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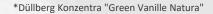


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Phase	Ingredients	INCI	% by weight	Function
А	Water, demin.	Aqua	74.40	
	Glycerin	Glycerin	3.00	Humectant
	Verdessence® Xanthan	Xanthan Gum	0.30	Rheology modifier
В	Cosmedia® HP Starch	Hydroxypropyl Starch Phosphate	3.00	Rheology modifier
	Eumulgin® VL 75	Lauryl Glucoside, Polyglyceryl-2 Dipolyhydroxystearate, Glycerin	3.00	Emulsifier (O/W)
	Cegesoft® PS 6	Olus (Vegetable) Oil	3.00	Emollient
	Eutanol® G	Octyldodecanol	3.00	Emollient
	Cetiol® OE	Dicaprylyl Ether	3.00	Emollient
С	Hydrasensyl® Glucan Green	Water, Pentylene Glycol, Beta-Glucan, Caprylyl Glycol	2.00	Active ingredient
	D-Panthenol 75 W	Panthenol	2.00	Active ingredient
	Perfume*	Parfum	0.30	Fragrance
	Euxyl Eco 910 (Ashland)	Benzyl Alcohol, Cymbopogon Flexuosus Herb Oil, Tocopherol	1.00	Preservative
	Verdessence® RiceTouch	Oryza Sativa (Rice) Starch	2.00	Skin feel modifier

Manufacturing Process

Cold Process: 1. Mix ingredients of Phase A until the gel is homogeneous. **2.** Add ingredients of Phase B one by one. **3.**Homogenize with an UltraTurrax. **4.** Add ingredients of Phase C one by one and adjust the pH (if necessary).





Specifications

Aspect

pH value (23°C)

Viscosity (Brookfield; RVF; spindle 5; 10 rpm; 23°C)

White lotion

6.2

7.200 mPa s

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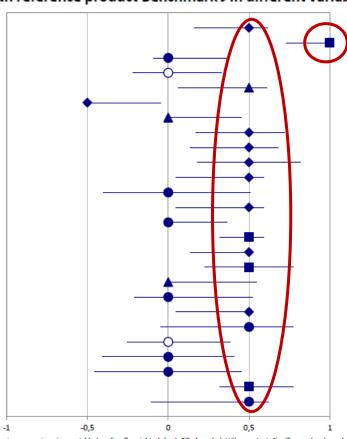
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BTC Chemical Distribution

Performance Evaluation

Pairwise comparison of product SC-DE-24-RC-4898232-011 with reference product Benchmark J in different variables





[easy] Distribution

[less] Whitening during distribution

[more] Softness during distribution

[more] Skin care effects during distribution

[less] Waxiness during distribution

[less] Oiliness during distribution

[less] Stickiness during distribution

[more] Gliding during distribution

[much] Acceptance after distribution

[fast] Absorption I after 1 Minute

[less] Whitening after 1 min

[less] Stickiness after 1 min

[fast] Absorption II after 3 minutes

[less] Whitening after absorption

[less] Residue after absorption

[less] Stickiness after absorption

[less] Waxiness after absorption

[less] Oiliness after absorption

[more] Velvety after absorption

[more] Powdery after absorption

[more] Smoothness after absorption

[more] Silkiness after absorption

[more] Softness after absorption

[more] Skin care effects after absorption

[more] Light feel after absorption

[much] Acceptance after absorption

n = 11 not significant significance ≥ 90% significance ≥ 95%

significance ≥ 99%

SC-DE-24-RC-4898232-011 vs. Benchmark J

Each line shows a pairwise comparison in a variable (median & weighted dev.). Filled symbol: Wilcoxon test. Significance level: see legend to the right. Empty symbol: lower 90%-confidence bound (l.c.b.) for zero values. Square (a): l.c.b. > 0,66667; Circle (o): l.c.b. ≤ 0,66667.

Formulation has shown significant results in its performance compared with commercial benchmark containing Hydroxypropyl Starch Phosphate