

Pina Colada Body Lotion

This body lotion deeply conditions and nourishes the skin and leaves a light tropical scent to transport you to a tropical island.

Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	3.50	Alchemy Ingredients
B	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	4.00	
B	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	2.00	
B	Shea Butter	Butyrospermum parkii (Shea) Butter	2.00	
C	Glycerine	Glycerin	5.00	
C	Water	Aqua	79.90	
D	Tropical Fruit Harvest™ AF	Glycerin, Aqua, Mangifera Indica Fruit Extract, Carica Papaya Fruit Extract, Ananas Sativus Fruit Extract	2.00	
D	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	
D	Tropical Clean Fragrance	Parfum	0.50	
D	FD & C Yellow 5 (1% sol)	C.I. 19140	0.10	

Formulation Code: 098-21-00-00/1

Ingredient Benefits

Instathix®

- COSMOS Approved
- 100% Natural Origin (ISO 16128)
- PEG Free, vegan suitable and gluten free
- Very safe and mild formulation
- Easy to use powder blend with low use level (0.5 – 4%)
- 4-in-1 multi-functional ingredient - stabiliser, thickener, texture enhancer or as the sole emulsifying system
- Creates luxurious cream / gel translucent textures
- Satin matt appearance, mimicking silicone elastomer feel – can replace synthetic emulsifiers / polymers
- Can be used as an additive to enhance silky feel of creams

Method

- Heat oil phase until butters and waxes are fully melted then premix in Instathix®.
- Heat water phase to 70°C, add to oil phase and stir till homogenous.
- Heat to 70°C and maintain temperature for 10 minutes.
- Homogenise for 3 minutes at 3500-5500RPM.
- Cool under mixing, add phase D when temperature is below 40°C.

Characteristics

Stability

Stable for 3 weeks at 50°C and 3 months at 40°C

Appearance

Yellow Cream

PH

6-7

Viscosity

Brookfield DV-E: RVHV-04 @ 10RPM & 20°C (±5 °C) = 150,000 – 180,000 cP

✓ PEG Free

✓ Natural Origin

✓ COSMOS Approved

✓ Vegan

Adapt the Formula

- Change oils for a different skin feel: vegetable oils – richer feel, esters = lighter feel
- Remove butters to give a lighter texture
- Change fragrance, colour and actives

The formulation above is intended for information purposes only based on the best of our knowledge. It is the responsibility of the customer to undertake the appropriate testing to determine the suitability of the product for their intended use.