

# Pumpkin Spice Body Lotion

A light yet nourishing body lotion designed to moisturise the skin during the winter months

## Ingredients

Phase	Trade Name	INCI name	% w/w	Supplier
A	Instathix®	Xanthan Gum, Sodium Stearoyl Lactylate, Tapioca Starch, Algin	3.50	Alchemy Ingredients
B	Glyceryl Stearate	Glyceryl Stearate	2.00	
B	Shea Butter	Butyrospermum parkii (Shea) Butter	2.00	
B	Cocoa Butter	Theobroma Cacao (Cocoa) Seed Butter	2.00	
B	Pumpkin Seed Oil	Curcubita Pepo (Pumpkin) Seed Oil	2.50	
B	Caprylic/Capric Triglyceride	Caprylic/Capric Triglyceride	5.00	
B	Jojoba Oil	Simmondsia Chinensis (Jojoba) Seed Oil	2.50	
C	Glycerine	Glycerin	5.00	
C	Water	Aqua	73.10	
D	Exo-H™	Water (and) Butylene Glycol (and) Alteromonas Ferment Extract	1.00	Lucas Meyer Cosmetics
D	Caramel colour 50% sol		0.05	
D	Gingerbread Fragrance	Parfum	0.35	
D	Euxyl® PE9010	Phenoxyethanol, Ethylhexylglycerin	1.00	

Formulation Code: 084-21-00-00/1

## 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 till butters and waxes are fully melted then premix in Instathix®.
- Heat water phase to 70°C, add to oil phase and stir till homogeneous.
- Heat to 70°C and maintain temperature for 10 minutes.
- Homogenise for 3 minutes at 3500-5500 RPM.
- 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

Beige Cream

### PH

6-7

### Viscosity

Brookfield DV-E: RVHV-04 @ 10RPM & 20°C (±5 °C), fill size: 100g = 10,000 – 20,000 cP

✓ COSMOS Approved

✓ Natural Origin

✓ Vegan

✓ PEG Free

✓ Sustainable

## Adapt the Formula

- Increase waxes/butters for a richer skin feel
- Reduce waxes/butter for lighter skin feel
- Change actives for different skin benefits
- Change colour and fragrance

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.