

## Serum (Lotion like)

### Ingredients

Phase	%w/w input	Ingredient
A	77.80	Water
B	7.00	Propanediol
B	0.70	Caesalpinia spinosa gum (Solagum Tara)
C	3.00	Cetearyl Alcohol, Cetearyl Glucoside (Montanov 68/Emulgade PL68/50/ SugarMulse)
C	2.00	Avocado oil
C	1.00	Baobab oil
C	3.00	Caprylic/Capric Triglycerides (Myritol 318)
D	0.70	Vitamin A Palmitate (Retinyl Palmitate)
D	1.00	Bearberry extract - glycerin
D	1.00	Chamomile extract - glycerin
D	1.00	Cucumber extract - glycerin
D	0.10	Lavender (Lavandula angustifolia) flower essential oil
D	0.10	Ylang Ylang 1st (Cananga odorata) flower essential oil
D	0.80	Tocopherol - d-alpha 70%
D	0.80	Phenoxyethanol, Ethylhexylglycerin (Euxyl PE9010)
	q.s.	pH Adjuster

### Method

1. Measure out phase A.
2. Combine ingredients in phase B under low shear until a slurry forms. Add to phase A and stir under low shear until a smooth gel forms. Heat to 75°C.
3. Combine materials in phase C and heat to 75°C.
4. Add phase C to phase A/B and mix under high shear until a smooth glossy emulsion forms.
5. Allow to cool <40°C under low shear stirring. Add phase D and stir through under low shear until homogenous.
6. Check/adjust pH to 6.3 - 6.8. Allow to cool completely overnight before pouring off the next day.