

Formula Name: Ylang Ylang Rose Body Lotion

Batch Size: 100g

Phase	Ingredient	%	GRAMS	Phase	Ingredient	%	GRAMS
A	Rose Hydrosol	55%	55	D	Ylang Ylang essential oil	0.3%	0.3
A	Distilled water	14%	14	D	Grapefruit essential oil	0.4%	0.4
B	Macadamia Oil	10%	10	E	Preservative Eco	1%	1
B	Sweet Almond Oil	10%	10				
B	Olive emulsifying wax	4%	4				
B	Cetyl Alcohol	1%	1				
C	Glycerine	4%	4				
C	Xanthan Gum	0.3%	0.3				
					total	100%	100g

Formulation Method:

- Clean all utensils and equipment thoroughly
- Add Phase A ingredients into a heatproof beaker and heat in a water bath (water phase)
- Add Phase B ingredients into a heatproof beaker and melt in a water bath (oil phase)
- Mix glycerine and gum in a third small beaker to create a slurry and set aside (phase C)
- When phase A and phase B are at 70°C, slowly trickle the oil ingredients (B) into the water ingredients (A), and stir constantly
- When the temperature is under 40°C add the Glycerine and Gum slurry (Phase C) and stir
- Add the essential oil
- Test and adjust the pH as necessary (refer to page 8)
- Add the preservative (phase E)
- Transfer the lotion into a pump bottle, jar or container and then label the product

The calculation to work out grams is
 $(C/100) \times B = A$

A = Ingredient (g)
B = Batch size (g)
C = Ingredient (%)

WHAT WAS THE OUTCOME?

Notes

This lotion is designed to be runnier than face moisturiser. If you find it too runny, decrease the water and add more emulsifying wax.

You can experiment by adding butters.