



PENJAGAAN DIRI  
RAWATAN MUKA



EMULSION RINGAN  
UNTUK KULIT WAJAH  
[ST-03]

## EMULSION RINGAN UNTUK KULIT WAJAH [ST-03]

FASA	NAMA INCI	JENAMA	KEPEKATAN [%]	FUNGSI
A	Paraffinum Liquidum		1.5	emolien
	Butyrospermum Parkii (Shea Butter)		0.5	emolien
	Caprylic/Capric Triglyceride		1.0	emolien
	Glyceryl Stearate, PEG- 100 Stearate		3.0	pengemulsi
	Cetearyl alcohol		2.5	pengemulsi bersama
B	Aqua		25.3	pelarut
C	Xanthan Gum		0.4	pengubah kelikatan
	Glycerin		1.3	agen pelembap
	Aqua		50.2	pelarut
D	Citric acid		0.1	pengubahsuai pH
	Sodium Lauroyl Glycinate	ROKAtend GL	5.0	surfaktan
	Sodium Lauroyl Sarcosinate	ROKAtend LS	7.7	surfaktan
	Parfum		0.5	wangian
	Phenoxyethanol, Methylparaben, Ethylparaben, Propylparaben		1.0	bahan pengawet



pH		6.5 - 7.5
Penampilan	kaedah visual	emulsi putih
Kelikatan [cP]	Brookfield LV, gelendong 34, kelajuan 6.0 RPM, T: 25°C	5000 - 10000
Kestabilan	1 bulan pada 5°C, RT, 40°C	disahkan

## Prosedur:

1. Dalam bekas utama panaskan semua bahan hingga 75-80°C dan lakukan perkara yang sama dengan fasa B.
2. Tuangkan air panas bentuk fasa B ke dalam fasa A, gaul rata (elakkan penyejukan) dan homogenkan selama 5 minit. Kemudian, mulakan menyejukan rumusan dan ulangi homogenisasi pada 60°C. Lakukan perkara yang sama pada 40°C.
3. Pada masa yang sama, sediakan fasa C dengan mencampurkan Xanthan Gum, Gliserin dan air suam (50°C). Untuk mendapatkan larutan homogen, homogenkan selama 1 minit.
4. Satukan bahan dari fasa D dan gaul sehingga sekata. Jika perlu, tambahkan Asid Sitrik.
5. Tambah fasa D dan B ke dalam bekas utama (fasa A) dan gaul selama 5 minit, kemudian homogenise selama 1 minit.



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