

Brightening Serum (130513E-2-L1)

| <u>INCI Name</u> | <u>Ingredient</u> | <u>%</u> |
|---|---------------------------|-----------------|
| A Water | Water | 20.00 |
| A Hydroxyethylcellulose | Natrosol 250HHR | 0.40 |
| B Sodium Citrate | Sodium Citrate ,Dihydrate | 0.88 |
| C Water | Water | 58.15 |
| D Allantoin | Allantoin | 0.10 |
| D Ethylenediamine Tetra (Methylene Phosphonic Acid) | TCI E0393 (EDTMP) | 0.10 |
| D Citric Acid | Citric Acid Monohydrate | 1.02 |
| D Butylene Glycol | 1,3-Butylene Glycol | 3.00 |
| D Ethanol | Alcohol (95%) | 3.00 |
| D Jojoba Wax PEG-120 Esters | Florasolvs PEG-120 Jojoba | 0.80 |
| E Ethoxydiglycol | Transcutol CG | 10.00 |
| E Methylparaben | Methylparaben | 0.20 |
| F Octoxynol-11 (and) Polysorbate 20 | Corum 9111 | 0.30 |
| F Fragrance | Nymphette Bloom AF 31495B | 0.05 |
| G 3-O-Ethyl Ascorbic Acid | Et-VC™ | 2.00 |

Appearance : Clear

pH Value (25°C) : 4.10 by Cyber Scan pH510

Viscosity : 208.8 cP

| Instrument Model | Spindle No. | Speed (rpm) | Test Period (Sec) | Temperature (°C) | % Torque | Container |
|--------------------------------------|--------------------|--------------------|--------------------------|-------------------------|-----------------|------------------|
| Brookfield viscometer LV DV- II +Pro | LV3 63 | 50 | 30 | 25 | 8.70 | 20g Bottle |

Procedure :

1. Pre-mix Part A uniformly.
2. Add Part B into Part A, then mix until transparent.
3. Add Part C into Part A/B, then mix well.
4. Add Part D ingredients in sequence into Part A, then mix well.
5. Pre-mix Part E and F uniformly.
6. Add Part E, F and G in sequence into Part A/B/C/D, then mix well.

This is only a reference formulation. Before commercialization, it is recommended to thoroughly test the formulation or any variation of it to determine its final stability, performance, efficacy and safety.