

**Formula Name: "Kokochi" Pink Vita-Tonic**

Lot.No.22-MPM-57



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INCI NAME	TRADE NAME	ROLE/FEATURE	SUPPLIER	wt%
<b>A</b>				
Polyglyceryl-10 Oleate	NIKKOL Decaglyn 1-OV	Emulsifier	NIKKO CHEMICALS	2.3300
Polyglyceryl-6 Stearate	NIKKOL Hexaglyn 1-SV	Emulsifier	NIKKO CHEMICALS	1.1700
Ascorbyl Tetraisopalmitate	NIKKOL VC-IPVS	Anti-aging, Brightening	NIKKO CHEMICALS	1.0000
Ethyl Linoleate	NIKKOL VF-LINOV	Brightening	NIKKO CHEMICALS	1.0000
Hydrogenated Retinol, Caprylic/Capric Triglyceride	NIKKOL RETINOL H10	Anti-wrinkle	NIKKO CHEMICALS	1.0000
Squalane, Lithospermum Officinale Root Extract, Lithospermum Erythrorhizon Root Extract	NIKKOL SHIKON SSQ	Emollient agent	NIKKO CHEMICALS	0.5000
Fragrance		Fragrance		0.2000
Tocopherol		Antioxidant		0.1000
Glycerin		Moisturizer		10.0000
<b>B</b>				
Sodium Methyl Stearoyl Taurate	NIKKOL SMT	Emulsifier	NIKKO CHEMICALS	0.2000
Water				10.0000
<b>C</b>				
Xanthan Gum, Water	(2% aq.)	Thickener		10.0000
Phenoxyethanol		Antimicrobial agent		0.4000
Water, Citric Acid	(1% aq.)	pH adjuster		5.0000
Disodium EDTA		Chelating agent		0.0500
Water				57.0500
			Total	100.0000
<b>Procedure</b>				
1. Heat A and B to 80°C separately and mix until uniform.				
2. While stirring A by paddle-mixer, add B into A gradually at 80°C.				
3. Cool down to 35°C while stirring.				
4. Mix C until uniform.				
5. Add C into A+B and mix until uniform.				
6. Disperse A-C with homogenizer until uniform.				
<b>Physical Properties</b>			<b>Stability</b>	
pH (bulk): 4.3 ~ 4.7			· RT, 45°C, 5°C: Confirmed for 3 months	
Particle size: 50-80 nm			· 50°C, -5°C, Cycle (-5⇄45°C): Confirmed for 1 month	

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We do not guarantee the stability of the final products of formulations in this brochure though the stability was checked under certain conditions.

We do not guarantee the preservation property of this formulation as we have not checked it.

We do not guarantee that this formulation does not conflict with any patent.

It is users' responsibility to determine the suitability for their own use of the formulation.