

## 180\_E061\_2901

## Shake it baby! Protective Vitamin Shake

### Claims:

Decreases the generation of melanin  
 Inhibits Tyrosinase activity  
 Acts as an antioxidant  
 Decreases wrinkle progression  
 Improves skin lightening  
 Improves radiance and an even skin tone  
 Increases collagen production  
 Protects the skin from environmental damages  
 Shows the efficacy of a sunscreen  
 Reduces inflammations and counteracts erythema development

Phase	Ingredient (our mat. no. in brackets)	INCI	Supplier	Dosage [%]
A	Deionised water	Aqua	/	15,75
	Glycerin 99,5% (GMO-free)	Glycerin	Oleo Cremer GmbH & Co.KG	3,00
	Hydrolite® 5	Pentylene Glycol	Symrise	1,00
A1	<b>Ascorbyl Glucoside (7268)</b>	<b>Ascorbyl Glucoside</b>	<b>Selco</b>	<b>9,00</b>
	<b>Ethyl Ascorbic Acid (7246)</b>	<b>3-O-Ethyl Ascorbic Acid</b>	<b>Selco</b>	<b>9,00</b>
	Citric Acid buffer	Aqua, Sodium Citrate, Citric Acid	/	18,00
A2	Potassium Hydroxide solution (10% in water)	Aqua, Potassium Hydroxide	/	10,00
B	Hydrolite® 5	Pentylene Glycol	Symrise	<b>4,00</b>
	<b>Ferulic Acid synthetic (5002)</b>	<b>Ferulic Acid</b>	<b>GfN</b>	<b>0,50</b>
	Naturell E	Tocopherol	Matrix Life Science Private Limited	1,00
	Sweet Almond Oil, col pres.	Prunus Amygdalus (Sweet Almond) Dulcis Oil	Henry Lamotte Oils GmbH	26,50
	<b>Ascorbyl Tetraisopalmitate (7374)</b>	<b>Ascorbyl Tetraisopalmitate</b>	<b>Selco</b>	<b>2,00</b>
C	Lemongras essential oil	Cymbopogon Flexuosus Oil	Primavera	0,25
D	Citric Acid Solution (10% in water)	Aqua, Citric Acid	/	q.s.
				100,00

### Production Process:

1. Phase A: dissolve Glycerin and Hydrolite® 5 in water at room temperature under stirring (paddle-mixer)..
2. Phase A1: dissolve Ascorbyl Glucoside and Ethyl Ascorbic Acid in Citric Acid buffer under stirring until you get a clear solution.
3. Phase A2: add Potassium Hydroxide solution (~10g) to phase A1 until pH-value is ~6.5
4. Add phase A1/ A2 to phase A at room temperature under stirring (paddle-mixer).
5. Phase B: dissolve Ferulic Acid syntehtic in Hydrolite® 5 at ~60°C. Add the other ingredients under stirring (clear solution).
6. Add phase B to phase a/ A1/ A2 under stirring (paddle-mixer).
7. Cool down to room temperature under stirring (paddle-mixer).

### Specification Values:

Appearance: 2-Phase product. **Shake before use !**  
 pH-value: 5,8 – 6,8 (Phase A)  
 Stability: 1 month stable at RT, 5°C and 40°C  
 Microbiology: proven

### Disclaimer :

We provide information and advice to our customers on application technologies and regulatory matters to the best of our knowledge and ability, but without obligation or liability. Existing laws and regulations are to be observed in all cases by our customers. This also applies in respect to any rights of third parties. Our information and advice do not relieve our customers of their own responsibility for checking suitability of our products for the envisaged purpose.