

# Anti-age Serum Concentrate

Beauté by Roquette®  
PO 160, DS 112 & GA 290

SC-004-004



**ROQUETTE**

BEAUTÉ

Skin care

Due to the use of our naturally gentle exfoliating PolyHydroxyAcid **Beauté by Roquette® GA 290** and our highly pure moisturizer **Beauté by Roquette® PO 160**, this effective serum regenerates epidermis and improves skin hydration and tone.

**Beauté by Roquette® DS 112** gives to this O/W emulsion a unique texture and velvet feel, leaving skin smooth and radiant.

	INCI NAME	COMMERCIAL NAME (SUPPLIER)	% W/W
PHASE A	Aqua	Demineralised water	Up to 100
	Starch acetate (and) Hydroxyethyl cellulose (and) Xanthan gum	<b>Beauté by Roquette® DS 112 (Roquette)</b>	<b>3.00</b>
	Sorbitol	<b>Beauté by Roquette® PO 160 (Roquette)</b>	<b>2.00</b>
PHASE B	Glyceryl stearate	Geleol FPF (Gattefossé)	0.50
	Glyceryl stearate citrate	Dermofeel GSC (Evonik)	3.00
	Caprylic / Capric Triglyceride	Labrafac CC (Gattefossé)	4.00
PHASE C	Gluconolactone	<b>Beauté by Roquette® GA 290 (Roquette)</b>	<b>0.20</b>
	Aqua	Demineralized water	10.00
PHASE D	Sodium hyaluronate	Cristalhyal (Soliance)	0.25
PHASE E	Phenoxyethanol (and) Chlorphenesin (and) Glycerin	Microcare PHC (Thor)	1.00 %

## Process

1. Prepare Phase A (add PO 160 and then DS 112 into water) under stirring and heat up to 80°C. Maintain agitation until a homogeneous gel is obtained (minimum 40 minutes).
2. Prepare Phase B: mix all ingredients and heat up to 80°C under agitation.
3. Emulsion: At 80°C, add Phase B into Phase A while stirring (defloculator 2000 – 3000 rpm). Maintain temperature and agitation for 10 minutes.
4. Cool down to room temperature and add successively Phases C, D and E.

ASPECT	White emulsion
pH	3,8 – 4,2
VISCOSITY	Brookfield, SP6, 20 rpm, 1 min: 21 000 – 25 000 mPa.s
STABILITY	1 month at 50°C and 3 months at room temperature and 40°C

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