

# TRULY COOLING EYE SERUM

with CocoaDesign™ S and Actigum™ CS 11 QD



Experience the 'Ahhhh' every time you treat your weary eyes with Truly Cooling Eye Serum with **CocoaDesign™ S**. The immediate refreshing light-feel will perk up your eyes, and the soft powdery after-feel will soothe and comfort. It's the total package. Truly!

Phase	Trade Name	INCI	Supplier	%WT
A	Demineralized Water	Aqua	Chem-Lab	q.s.
	<b>Refined Glycerin</b>	<b>Glycerin</b>	<b>Cargill</b>	<b>3.00</b>
B	<b>Actigum™ CS 11 QD</b>	<b>Sclerotium Gum</b>	<b>Cargill</b>	<b>0.70</b>
		<b>Sodium Starch Octenylsuccinate</b>	<b>Cargill</b>	<b>1.50</b>
C	Axol C62 Pellets Mb	Glyceryl Stearate Citrate	Evonik	1.00
	<b>CocoaDesign™ S</b>	<b>Hydrogenated Cocoa Butter Ethyl Esters</b>	<b>Cargill</b>	<b>8.00</b>
D	Demineralized Water	Aqua	Chem-Lab	5.00
	Hysilk	Sodium Hyaluronate	Contipro	0.10
	Caffeine, 99.7%	Caffeine	Thermo Scientific	0.30
	Concombre	Parfum	Aromat'Easy	0.20
E	Geogard® ECT	Benzyl Alcohol (And) Salicylic Acid (And) Glycerin (And)	Lonza	1.00
		Sorbic Acid		
F	Sodium Hydroxide (35%)	Sodium Hydroxide	VWR	0.11

## CHARACTERISTICS

- **Appearance:** white cream
- **pH:** 5-5.5
- **Stability:** passed 2 months stability at RT & 45°C
- **Viscosity:** 4000-5000 mPa.s (Brookfield RV5, 20rpm, 1 min)

## PROCESS

1. Preheat CocoaDesign™ S at 45°C-50°C in an oven or a water bath until one transparent homogeneous phase is obtained
2. Premix phase D with IKA Eurostar Digital, dissolver workhead until homogeneous phase obtained and leave it aside
3. Weigh phase A (Demineralized water + 5% extra demineralized water to compensate water evaporation due to hot process + Refined Glycerin) and mix with spatula until homogeneous phase obtained
4. Weigh phase B and mix with a spatula until homogeneous phase obtained
5. Add Phase B to phase A while mixing with rotor/stator 10000 rpm 10 min (IKA Ultra Turrax T25, workhead S25N-25G)
6. Weigh phase C
7. Heat up phase (A+B) and C separately to 65-75°C in a water bath
8. Add phase C to phase (A+B) while mixing with rotor/stator 10000 rpm 2 min (IKA Ultra Turrax T25, workhead S25N-25G)
9. Cool down to <40°C while stirring (IKA Eurostar Digital, propeller workhead)
10. Add phase D and E while stirring (IKA Eurostar Digital, propeller workhead) until homogeneous phase obtained
11. Adjust pH to 5-5.5 with Sodium Hydroxide (35%) while stirring with IKA Eurostar Digital, propeller workhead (phase F)



**PATENTS AND REGULATIONS** The information presented herein is intended to illustrate the possible technical applications of our products. However, since the use of this information and our products is beyond our control, any recommendations or suggestions are made without guarantee of warranty in each country and particularly in the absence of patent rights. In addition, we recommend that the user ensures that this product is in compliance with the local regulations in force, particularly in the country where the finished product is to be consumed. It is the responsibility of the user to comply with the patents and the regulations in force.

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