

# Compounding instructions

## Latanoprost 0.005% in Seraqua™

Ingredients	
<b>Latanoprost stock solution</b>	
Latanoprost	0.005 g
Polysorbate 20	0.3 g
Phenoxyethanol	0.05 g
Purified water	qs 10 ml
<b>Final preparation</b>	
Latanoprost stock solution	1 ml
Seraqua™	qs 10 ml
Fagron eyelid applicator	1 applicator

Preparation	
<b>Latanoprost stock solution (0.05%)*</b>	
<ul style="list-style-type: none"><li>Accurately weigh or measure each ingredient. Latanoprost comes pre-weighed</li></ul>	
<ul style="list-style-type: none"><li>Dissolve the polysorbate 20 and phenoxyethanol in purified water to constitute a 10 ml solution (A)</li></ul>	Dissolved?
<ul style="list-style-type: none"><li>Add the 10 ml preserved polysorbate solution (A) directly to the container with latanoprost</li></ul>	
<ul style="list-style-type: none"><li>Close the container and shake vigorously for five minutes until all latanoprost is dissolved</li></ul>	Homogeneous?
<ul style="list-style-type: none"><li>Allow the latanoprost stock solution to rest until all air bubbles have disappeared</li></ul>	Air bubbles disappeared?
<b>Final preparation (0.005%)</b>	
<ul style="list-style-type: none"><li>In a small ceramic mortar or beaker, combine 1 ml of the latanoprost stock solution with an equal amount of Seraqua™ and mix</li></ul>	Homogeneous?
<ul style="list-style-type: none"><li>Using geometric dilution, incorporate Seraqua™ (qs 10 ml) into the latanoprost mixture, mixing well after each addition of Seraqua™ to form a homogeneous mixture</li></ul>	Homogeneous?
<ul style="list-style-type: none"><li>Package 9 ml of the serum in the Fagron eyelid applicator and label. A syringe or V-shape bag can be used for this</li></ul>	

\* The 0.05% latanoprost stock solution is stable for three months at room temperature (15-25 °C).

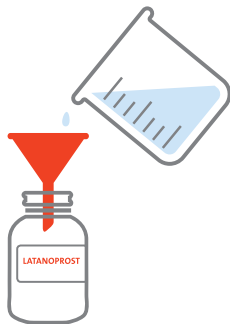
Packaging after compounding	Storage conditions	Beyond-use date	Physical observations
Airtight, light-protected, Fagron eyelid applicator	Store in the refrigerator (2-8 °C), do not freeze	120 days	White to off-white, homogeneous

# Compounding instructions

## Preparation latanoprost stock solution



1.  
Dissolve polysorbate 20 (0.3 g) and phenoxyethanol (0.05 g) in purified water to constitute a 10 ml solution (A).



2.  
Add the 10 ml preserved polysorbate solution (A) directly to the container with 5 mg latanoprost.



3.  
Close the container and shake vigorously for 5 minutes until all latanoprost is dissolved.



4.  
Allow the latanoprost stock solution (B) to rest until all air bubbles have disappeared. (Stock solution is stable for 3 months at room temperature 15-25 °C).