

## CERTIFICATE OF ANALYSIS

Product : <u>Lens drops</u>	Cert No : <u>103/23</u>
Batch No : <u>062317</u>	Production Date : <u>27 JUN 2023</u>
Unit Volume : <u>5 ml</u>	Batch Size : <u>1000 L</u>
	Expiry Date : <u>2026 JUN</u>

### PHYSICAL/CHEMICAL/MICROBIOLOGICAL ANALYSIS

TESTS	SPECIFICATIONS	RESULTS
<b>1. Description</b>	A clear, colourless aqueous solution free from particles size greater than 100 µm.	Complies
<b>2. Volume</b>	5.0 ml – 6.0 ml	5.5 ml (Average)
<b>3. pH</b>	6.20 – 6.65	6.60 (Average)
<b>4. Osmolality</b>	261.0 – 319.0 mOsm/Kg	304.7 mOsm/Kg (Average)
<b>5. Viscosity</b>	2.50 - 3.50 cps @ 25.0 °C	2.76 cps (Average)
<b>6. Identification</b>		
a) Potassium	A white crystalline precipitate is formed.	Positive
b) Boric acid	An intense colour is produced.	Positive
c) Hydroxypropyl Methylcellulose	Solution turns cloudy.	Positive
d) N-Acetyl-Carnosine	Verify Conform	Conforms
<b>7. Heavy Metal (As Lead)</b>	Complies ( ≤ 0.02 mg/ml )	Complies
<b>8. Total Viable Microbial Count</b>	Complies ( < 1 cfu/100 ml )	Complies
<b>9. Total Yeast and Molds Count</b>	Complies ( < 1 cfu/ml )	Complies
<b>10. Particulate Matter Test</b>	Complies with USP	Complies
<b>11. Sterility</b>	Microbial growth is not detected after 14 days of incubation.	Complies