



## CERTIFICATE OF ANALYSIS

Product name: Sodium hyaluronate 1.5% solution PF  
Batch No.: J105230066

Standard:HX/ZL-005-TL-009-B  
Production date: Nov.27, 2023  
Expiry date: Nov.27, 2026

Items	Standard	Results
1. Description	Colorless, transparent solution	Complies
2. pH		6.5
3. Protein	$\leq 0.002\%$	0.0005%
4. Heavy metals	$\leq 2\text{ppm}$	$< 2\text{ppm}$
5. Transparency	$\geq 97\%$	99.6%
6. Viscosity(3s/6rpm)		2267 mPa·s
7. Preservative contents		
Phenoxyethanol		0.7%
Ethylhexylglycerin		0.05%
8. Microbial counts	$< 10\text{cfu/g}$	Complies
9. Mold & Yeast	$< 10\text{cfu/g}$	Complies
10. <i>Staphylococcus aureus</i>	Negative	Negative
11. <i>Pseudomonas aeruginosa</i>	Negative	Negative
12. Glucuronic acid		5.6 mg/ml

The solution contains:

0,5% HA - Oligo (below 10.000 Da)

0,5% HA Extra LW (100.000 - 400.000 Da)

0,5% HA MW (1,00M - 1,80M Da)

Conclusion: up to the standard