



CERTIFICATE OF ANALYSIS

**PrincipHYAL (800 - 1000)**

<b>Batch n.</b>	24A065/S
<b>Production date</b>	MAY 2023
<b>Period of best use</b>	MAY 2026

Parameter	Unit	Requirement	Method	Result
<b>PHYSICAL-CHEMICAL</b>				
Appearance	-	Powder	IO 07-06A	Powder
Color	-	White	IO 07-06A	White
Odor	-	Characteristic	IO 07-06A	Characteristic
Molecular weight	kDa	800 - 1000	IO 07-06AA	929
Limiting viscosity	dl/g	14,4 - 17,3	S.H. Ph.Eur.Monograph	16,3
pH (0.1% solution)	i.u.	6,0 - 8,0	Ph.Eur. 2.2.3	6,4
Transparency (0.1% solution, 550 nm)	%	≥99	Ph.Eur. 2.2.25	Complies
Loss on drying (105°C)	%	≤ 10	Ph.Eur. 2.2.32	8
Proteins	%	≤ 0,10	S.H. Ph.Eur.Monograph	0,08
Sodium Hyaluronate assay	%	≥ 95	S.H. Ph.Eur.Monograph	95,7
Glucuronic acid assay	%	≥ 46	S.H. Ph.Eur.Monograph	46,3
<b>MICROBIOLOGICAL</b>				
Total bacterial count	CFU/g	≤ 100	Ph.Eur. 2.6.12 / USP (current edition)	≤ 100
Total yeast and mould count	CFU/g	≤ 100	Ph.Eur. 2.6.12 / USP (current edition)	≤ 100

ROELMI HPC srl

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Responsible Care  
OUR COMMITMENT TO SUSTAINABILITY

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<i>Staphylococcus aureus</i>	g	Absent	Ph.Eur. 2.6.13 / USP (current edition)	Absent
<i>Pseudomonas aeruginosa</i>	g	Absent	Ph.Eur. 2.6.13 / USP (current edition)	Absent
<i>Candida albicans</i>	g	Absent	Ph.Eur. 2.6.13 / USP (current edition)	Absent
<i>Escherichia coli</i>	g	Absent	Ph.Eur. 2.6.13 / USP (current edition)	Absent

Date: 19<sup>th</sup> January 2024

Roelmi HPC Technical Department

The analyses are performed on a representative sample and are referred to the product at the time of release. The information included in this Certificate of Analysis does not discharge the user from the control of the product before the use. Roelmi HPC SRL does not take liability for any damage due to improper use.

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