



Raya Hyaluron EP 2 pharma grade

INCI name:	Sodium hyaluronate
Chemical description:	D-Glucuronsäure-N-Acetyl-D-Glucosamin Polymer
Trade name:	Raya Hyaluron EP 2 pharma grade
Product category:	Medical grade Sodium Hyaluronate
Applications:	Eye drops, eye lotions, contact lens Solutions, medical lubricants, Topical preparations (gel. Film etc.) Oral pharmaceutical preparations
Packaging:	in bags
Filling Quantity:	1 kg/bag Special packaging and smaller fillings quantity on request
Shelf life:	Up to 18 months, not opened
Storage conditions:	Dry and cool Avoid direct sunlight and heat



Product Spezifikation

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Test	Spezifikation	Result (Batch 15080802)
Appearance	White or almost white powder or fibrous aggregate	complied
Identification		
infrared absorption	Consistent with the PH. Eur. Reference spectrum of sodium hyaluronate	complied
reaction of sodium	positive	comform
Sodium hyaluronate	95 -105 %	100,8 %
Nucleic Acid	A260mm \leq 0.5	0.02
pH	5.0 - 8.5	6.7
Molecular Weight	200 - 400 k Da	230 k Da
Protein	\leq 0.1 %	0.0049 %
Loss on drying	\leq 20 %	7.1 %
Residual solvents (Ethanol)	\leq 5000 ppm	1301 ppm
Chlorides	\leq 0.5 %	0.5 %
Iron	\leq 30 ppm	\leq 30 ppm
Heavy metals	\leq 10 ppm	< 10 ppm
Bacterial endotoxins	< 0.5 IU/mg	< 0.5 IU/mg
TAMC (Total aerobic microbial count)	\leq 100 CFU/G	< 100 CFU/G