



HYALURONIC ACID (powder)

CODE: HIAL-2		Date of last amendment: 19.08.2024
INCI name: Sodium Hyaluronate.		
DESCRIPTION: Sodium salt of hyaluronic acid of biosynthetic origin (fermentation) from natural strains of Streptococcus equii.		
COMPOSITION (INCI NAME)	% (weight)	CAS #
Sodium Hyaluronate	Min. 90,00	9067-32-7
Color:	White, light yellow	
Appearance:	Fine powder, homogeneous	
Odor:	Mild	
pH:	6.00 – 7.50 (25°C) (USP XXVII)	
Humidity	Max. 10,00 % (0,5 gr. 110°C, 1 hour).	
Molecular Weight	1,00-1,50 MDa	
Protein	Max. 0,20 %	
Glucuronic acid	Min. 42%	
Molecular Weight:	1.200.000 Dalton. (Dinamic Laser Scattering)	
Identification:	FTIR-ATR (Iris accessory)	
Assay:	1% Carbazol Method (Bitter, T.; Muir, H. A modified uronic acid carbazole reaction. Anal. Biochem. 1962, 4, 330–334.)	
Heavy Metals (Pb):	Max. 20 ppm.	
Heavy Metals (As):	Max. 2 ppm.	
Microbiological control:	Mesophilic bacteria: less than 200 CFU/gr. Moulds & yeast: less than 20 CFU/gr. No pathogens.	

Keep refrigerated (5-15°C). Do not freeze. Protect from light.

EXTERNAL COSMETIC USE