

## PRODUCT SPECIFICATION

Product: Hyaoligo®

INCI Name: Sodium Hyaluronate

<u>Test ID</u>	<u>Test Name</u>	<u>Specification</u>			<u>Test Method</u>
		<u>Min</u>	<u>/</u>	<u>Max</u> / <u>Text</u>	
001A	Appearance	White or almost white powder or granule			Visual
002A	Odor	Characteristic, To Match Standard			Organoleptic
004V1	Viscosity, Kinematic, mm <sup>2</sup> /s, 25°C	2/6rpm, report value			0.5% mixture in 40% IPA
009D	Sodium Hyaluronate, %	95			HPLC
010A	Loss on Drying, %	0 10			1 gram sample, 2 hr @ 105°C
012B	Microbiology	Total bacterial count < 100cfu/g (ml); Yeast and mold < 100cfu/g (ml); No gram negative or positive			Current USP Microbial Limit Test
036A	Identification	To Match Standard			IR
066A	Transmittance (%) 1% in Toluene	99			Spectrophotometer at 500 nm
086A	Molecular weight	Report value, M Da			JP, Viscosity determination
087A	Glucuronic Acid	45.9			Carbozole-sulfuric acid method
25A1	pH	5.5 8.5			As is.
	* Notes on Storage	Store under dry conditions and keep containers closed.			
	<b>Heavy Metal(s)</b>				
026O	Heavy Metal (as Pb), ppm	0 20			

If you have any questions about the information contained within this document, please contact Stephanie Fiallos, tel +1 (908) 941-9108.

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