



## Raya Hyaluron oNa

<b>INCI name:</b>	<b>Hyaluronic Acid</b>
CAS No.:	9004-61-9
Chemical description:	Poly( $\beta$ -glucuronic acid-[1 $\rightarrow$ 3]- $\beta$ -N-acetylglucosamine-[1 $\rightarrow$ 4]), alternating
Trade name:	Raya Hyaluron oNa
Application:	cosmetics
Packaging:	in bags
Filling quantity:	1 kg/bag 5 kg/bag special packaging upon request
Shelf life:	up to 2 years, not opened
Storage conditions:	dry and cool avoid direct sunlight

ExperChem Rohstoff GmbH  
Birkenauer Talstr. 9  
69469 Weinheim  
Germany

Contact: Dr. Henry Haeusler  
henry.haeusler@experchem.com  
☎ +49 6201 39 29 50  
📠 +49 6201 18 70 43



## Product Specification Raya Hyaluron oNa

ExperChem

Test	Specification	2020112004
<b>Appearance</b>	white or almost white powder or granule	conforms
<b>Glucuronic acid</b>	> 46 %	46,5 %
<b>Sodium hyaluronate</b>	> 91 %	92,8 %
<b>Absorbance (A280nm)</b>	< 0,25	0,14
<b>Transmittance (A550nm)</b>	> 99 %	99,9 %
<b>pH</b>	2,5 ~ 5,0	2,9
<b>Molecular weight</b>	<b>20 – 50 k Da</b>	<b>50 k Da</b>
<b>Intrinsic viscosity</b>	measured value	1,67 dl/g
<b>Kinematic viscosity</b>	measured value	1,83 mm <sup>2</sup> /s
<b>Protein</b>	< 0,1 %	0,02 %
<b>Loss on drying</b>	< 10 %	7,1 %
<b>Heavy metal</b>	< 20 mg/kg	conforms
<b>Bacteria counts</b>	< 100 cfu/g	conforms
<b>Yeast &amp; Mold</b>	< 50 cfu/g	conforms
<b>Pseudomonas aeruginosa</b>	negative	negative
<b>Staphylococcus aureus</b>	negative	negative
<b>Hemolysis Streptococci</b>	negative	negative
<b>E.Coli</b>	negative	negative