



## Raya Hyaluron LMW

<b>INCI name:</b>	<b>Sodium hyaluronate</b> <b>Hydrolyzed hyaluronic acid</b>
Chemical description:	D-Glucuronsäure-N-Acetyl-D-Glucosamin Polymer
Trade name:	Raya Hyaluron LMW
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 Limited  
Birkenauer Talstr. 9  
69469 Weinheim  
Germany

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

Kosmetik-Rohstoffe von Experten



## Product Specification Hyaluronic acid (Sodium Salt) LMW

Test	Specification	Batch 1206212
<b>Appearance</b>	white powder or granules	conforms
<b>Transparency</b>	> = 99.0 %	99.8 %
<b>Identification</b>		
<b>Reaction of alkaline</b>	positive	conforms
<b>Reaction of sodium</b>	positive	conforms
<b>Assay Sodium hyaluronate</b>	> = 91.0 %	95.5 %
<b>Glucuronic acid</b>	> = 44.0 %	46.2 %
<b>pH</b>	5.0 - 8.5	6.5
<b>Limiting viscosity</b>	0.47 – 2.86 dl/g	1.26 dl/g
<b>Loss on drying</b>	< = 10.0 %	6.31 %
<b>Kinematic Viscosity</b>		1 mm <sup>2</sup> /s
<b>Molecular weight</b>	<b>10 – 50 k Da</b>	<b>35 k Da</b>
<b>Heavy metals</b>	< = 20 ppm	conforms
<b>Protein</b>	< = 0.05 %	0.023 %
<b>Microbiological Tests</b>		
<b>Bacteria counts</b>	< 100 cfu/g	conforms
<b>Yeast &amp; Mold</b>	< 10 cfu/g	conforms
<b>Pseudomonas aeruginosa</b>	negative	negative
<b>Staphylococcus aureus</b>	negative	negative
<b>Hemolysis</b>	negative	negative
<b>viable Hemolytical Streptococci</b>	negative	negative