



## Raya Hyaluron 500

<b>INCI name:</b>	<b>Sodium hyaluronate</b>
Chemical description:	D-Glucuronsäure-N-Acetyl-D-Glucosamin Polymer
Trade name:	Raya Hyaluron 500
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

Registered Raw Material



BDIH Standard

COSMOS  
APPROVED

**ExperChem Limited**  
Grundelbachstr. 2/3  
69469 Weinheim  
Germany

**Kontakt** Dr. Henry Haeusler  
henry.haeusler@experchem.com  
**fon** +49 6201 877622  
**fax** +49 6201 187043

Kosmetik-Rohstoffe von Experten



## Product Specification Hyaluronic acid (Sodium Salt) 500

Test	Specification	Batch 13071901
<b>Appearance</b>	white powder or granules	conforms
<b>Transparency</b>	> = 99.0 %	99.9 %
<b>Identification</b>		
<b>Reaction of alkaline</b>	positive	conforms
<b>Reaction of sodium</b>	positive	conforms
<b>Assay Sodium hyaluronate</b>	> = 91.0 %	97.3 %
<b>Glucuronic acid</b>	> = 44.0 %	47.0 %
<b>pH</b>	6.0 – 7.5	6.5
<b>Limiting viscosity</b>	8.5 – 11.6 dl/g	10.4 dl/g
<b>Loss on drying</b>	< = 10.0 %	6.8 %
<b>Kinematic Viscosity</b>		13.9 mm <sup>2</sup> /s
<b>Molecular weight</b>	<b>400 – 600 k Da</b>	<b>520 k Da</b>
<b>Heavy metals</b>	< = 20 ppm	conforms
<b>Protein</b>	< = 0.05 %	0.03 %
<b>Microbiological Tests</b>		
<b>Bacteria counts</b>	< 10 cfu/g	conforms
<b>Yeast &amp; Mold</b>	< 10 cfu/g	conforms
<b>Pseudomonas aeruginosa</b>	negative	negative
<b>Staphylococcus aureus</b>	negative	negative