



Raya Hyaluron 500

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|-----------------------|--|
| INCI name: | Sodium hyaluronate |
| 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

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Kosmetik-Rohstoffe von Experten



Product Specification Hyaluronic acid (Sodium Salt) 500

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