



Raya Hyaluron F 1000

INCI name: **Sodium hyaluronate**

Chemical description: D-Glucuronsäure-N-Acetyl-D-Glucosamin Polymer

Trade name: Raya Hyaluron F 1000

Application: Nutrition supplement

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



Product Specification Raya Hyaluron F 1000

Test	Specification	Batch A2017082902
Appearance	white powder	conforms
Taste	characteristic	conforms
Aroma	none	conforms
pH	6.0 – 7.5	6.2
HA assay (on dry basis)	> 93.0 %	97,3 %
Glucuronic acid	> 45.0 %	47.0 %
Molecular weight	600 – 1200 k Da	1050 k Da
Kinematic viscosity	measured value	29,3 mm ² /s
Transparency (in 0,1 % aq. sol.)	> 99.0 %	99,8 %
Particle size	> 80 Mesh	conforms
Bulk density	> 0.2 g/cm ³	0.38 g/cm ³
Purity test		
· Chloride	< 0.5 %	conforms
· Heavy metals (Pb)	< 20 ppm	< 20 ppm
· As	< 2 ppm	< 2 ppm
· Cd	< 2 ppm	< 2 ppm
· Mercury	< 0.1 ppm	< 0.1 ppm
· Lead	< 3 ppm	< 3 ppm
Loss on drying	< 10.0 %	8.7 %
Total bacterial count	< 100 cfu/g	conforms
Yeast & mold	< 100 cfu/g	conforms
E-coli	negative	negative
S. aureus	negative	negative
Salmonella	negative	negative