



Raya Hyaluron Gel 4.5

INCI name: **Sodium hyaluronate**

Chemical description: D-Glucuronacid-N-Acetyl-D-Glucosamin Polymer,
mixture of different molecular weights

Trade name: **Raya Hyaluron Gel 4.5**

Application: Cosmetics

Packaging: in cans, bottles and drums

Filling quantity: 1 kg/unit
5 kg/unit
Special packaging upon request

Preservatives: Ethanol,
p-anisic acid/levulinic acid

Shelf life: up to 36 months,
not opened

Storage conditions: cool (10 – 20 °C)
protected from light and heat



Product Specification Hyaluronic acid Gel 4.5

Test	Specification	Result
Batch No.:		196
Product code:		CEX 52 03
Appearance	Clear liquid	conforms
Dynamic Viscosity 25 °C (10 % solution of original)	20 – 22 mPa.s	20.8 mPa.s
Density (20 °C) (10 % solution of original)	1.013 – 1.017 g/cm ³	0.999 g/cm ³
Assay Hyaluronic Acid	4.3 – 4.7 %	4.5 %
Dynamic Viscosity 25 °C	2200 – 2500 mPas	2425 mPas
Dynamic Viscosity 40 °C	2000 – 2300 mPas	2139 mPas
Density 25 °C	0.990 – 1.100 g/ml	1.008 g/ml