



## Hyaluron crosspolymer EXTL 100

**INCI breakdown:** Sodium hyaluronate crosspolymer  
Pentylene Glycol  
Aqua

CAS No.: 105524-32-1/ 5343-92-0 / 7732-18-5

EINECS: - / 226-285-3 / 231-791-2

Trade name: **Raya hyaluron crosspolymer EXTL 100**

Product category: Cosmetic grade

Functions: Moisturizing effect, improving skin barrier, good water binding capacity, good resistance to Hyaluronidase, improving skin elasticity and skin smoothness

Applications: Topical preparations  
Anti aging formulations  
Hair care and shampoos

Packaging: 50 g / bottle  
500 g / bottle

Shelf life: 2 years in a closed container

Storage conditions: Store in a well closed container  
Protected by air and light at room temperature



## Product Spezifikation Raya Hyaluron crosspolymer EXTL 100

Batch No.: 20150305

Manufacturing date: 05.03.2015

Expiry date: 04.03.2017

Test	Specification	Result
Appearance of solution	colorless transparent	conforms
Reaction of sodium	positive	conforms
Reaction of uronic acid	positive	conforms
PH-value	5.0-7.5	6.4
Viscosity	$\geq 500.000 \text{ m Pa s}$	974.000 m Pa s
Heavy metals	$\leq 10 \text{ ppm}$	$< 10 \text{ ppm}$
Bacteria counts	$\leq 100 \text{ cfu/g}$	conforms
Mold & Yeast	$\leq 10 \text{ cfu/g}$	conforms
Staphylococcus aureus	negative	negative
Pseudomonas aeuginosa	negative	negative
Fecal colifoerm	negative	negative