



## Raya Hyaluron 1500

<b>INCI name:</b>	<b>Sodium hyaluronate</b>
CAS:	9067-32-7
Chemical description:	Poly( $\beta$ -glucuronic acid-[1 $\rightarrow$ 3]- $\beta$ -N-acetylglucosamine-[1 $\rightarrow$ 4]), alternating
Trade name:	Raya Hyaluron 1500
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 temperature 2-10 °C



## Product Specification Raya Hyaluron 1500

Test	Specification	2021030956
<b>Appearance</b>	white powder	conforms
<b>Glucuronic acid</b>	> 46 %	46,5 %
<b>Transmittance</b>	> 99 %	99,8 %
<b>Hyaluronic acid</b>	> 90 %	92,8 %
<b>pH</b>	6 ~ 7,5	6,8
<b>Molecular weight</b>	<b>1 - 2 k Da</b>	<b>1,5 k Da</b>
<b>Protein</b>	< 0,1 %	0,03 %
<b>Loss on drying</b>	< 10 %	6 %
<b>Heavy metal</b>	< 10 ppm	conforms
<b>Arsenic</b>	< 2 ppm	conforms
<b>Total plate count</b>	< 10cfu/g	conforms
<b>Total molds &amp; yeast</b>	< 10cfu/g	conforms
<b>E. Coli</b>	negative	negative
<b>Salmonella</b>	negative	negative
<b>Staphylococcus aureus</b>	negative	negative
<b>Hemolysis Streptococci</b>	negative	negative
<b>Pseudomonas aeruginosa</b>	negative	negative

### Product properties

High molecular weight	forming a dense protective film, long-lasting moisturizing, good recovering effect
Medium molecular weight	good moisturizing and lubricity effect, slow release, stable emulsification effect
Low molecular weight	skin nutrition effect and lasting moisture effect
Oligo molecular weight	percutaneous absorption, deep moisturizing, anti-aging and recovery effect after sunburn