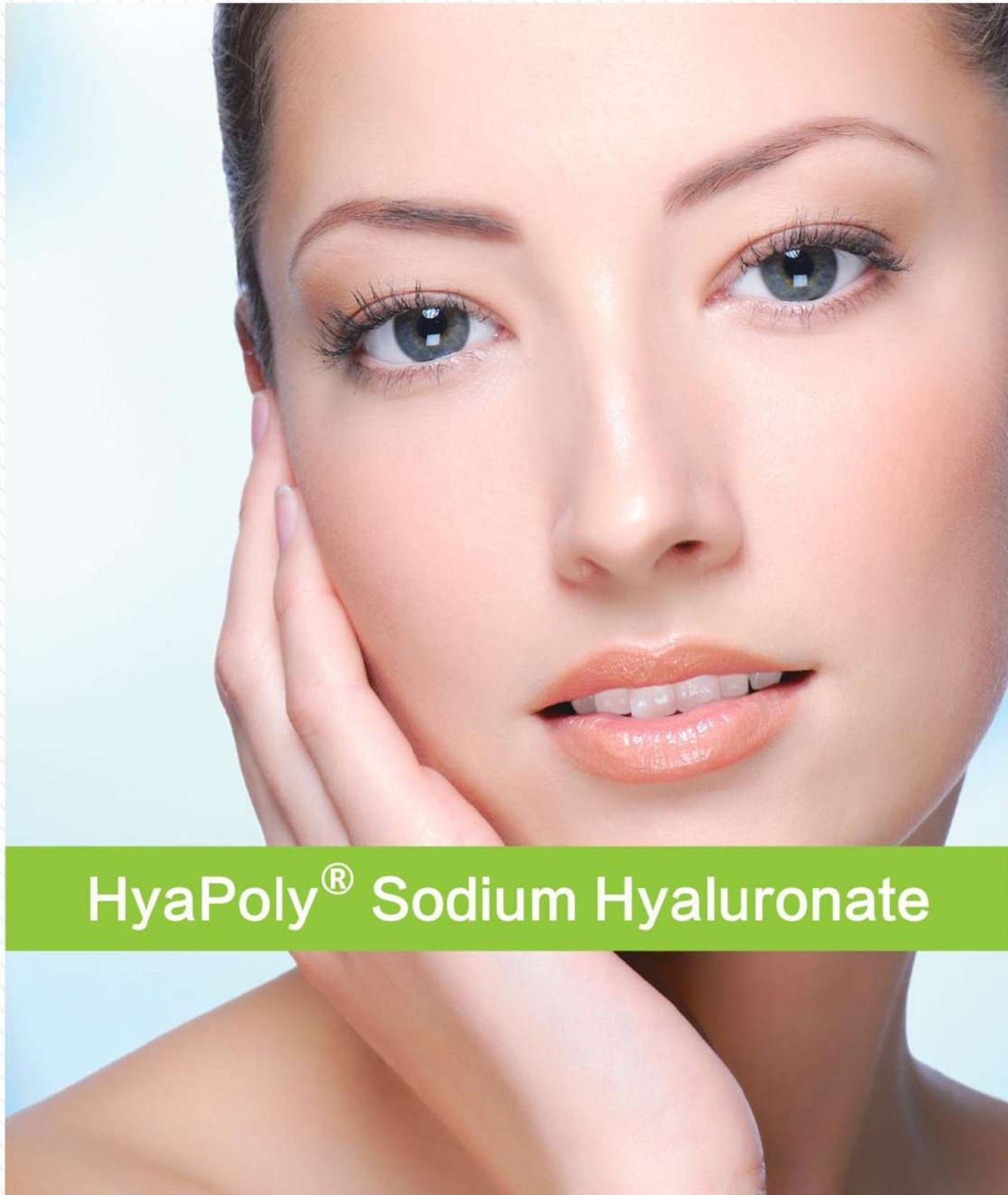




HyaPoly[®] Sodium Hyaluronate

HyaPoly® Function

Moisturing

Elimination of free radicals

Anti-UVA

Essential for the structure of the extracellular matrix in the skin

Slowing the differentiation process of keratinocytes

Essential to bones, joints and cartilage

Maintaining healthy strong tendons and ligaments

Against dry eye syndrome & Health of ocular tissues

Wound healing

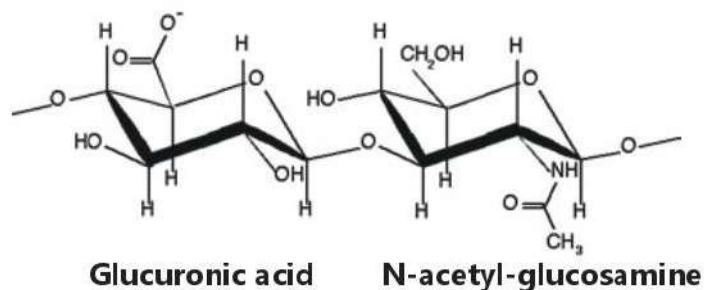
HyaPoly® Reference Dosage

Cosmetic	Daily Skin Care	0.02%~0.1%
	Night and Reparative Preparations	0.01%~0.05%
	After Sun	0.02%~0.1%
	Decorative Cosmetics	0.005%~0.02%
	Pre-shaves/After-shaves	0.02%~0.1%
	Cleansers	0.005%~0.06%
Nutritional	Supplement	30~80mg/day



Description

HA (hyaluronic acid) is a straight chain macromolecular mucopolysaccharide composed of repeat disaccharide units of glucuronate-N-acetylglucosamine.



HyaPoly[®], fermented by *Streptococcus zooepidemicus*, is available in variety of salt forms, while sodium salt is the most commonly commercial product called sodium hyaluronate, habitually called hyaluronic acid, or HA.

HyaPoly[®] Specifications

HyaPoly[®] Sodium Hyaluronate Cosmetic Grade (COSMOS certified)

HyaPoly [®] Sodium Hyaluronate Cosmetic Grade SLMW	3K Da~8K Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade LMW1	8K Da~20K Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade LMW2	20K Da~50K Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade LMW3	50K Da~100K Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade CLMW	100K Da~500K Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade CMMW	0.5M Da~0.8M Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade MMW	0.8M Da~1.5M Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade CHMW	1.5M Da~1.8M Da
HyaPoly [®] Sodium Hyaluronate Cosmetic Grade HMW	1.8M Da~3.0M Da

HyaPoly[®] Sodium Hyaluronate Food Grade

HyaPoly [®] Sodium Hyaluronate Food Grade SLMW	3K Da~8K Da
HyaPoly [®] Sodium Hyaluronate Food Grade LMW1	8K Da~20K Da
HyaPoly [®] Sodium Hyaluronate Food Grade LMW2	20K Da~50K Da
HyaPoly [®] Sodium Hyaluronate Food Grade LMW3	50K Da~100K Da
HyaPoly [®] Sodium Hyaluronate Food Grade CLMW	100K Da~500K Da
HyaPoly [®] Sodium Hyaluronate Food Grade CMMW	0.5M Da~0.8M Da
HyaPoly [®] Sodium Hyaluronate Food Grade MMW	0.8M Da~1.5M Da
HyaPoly [®] Sodium Hyaluronate Food Grade CHMW	1.5M Da~1.8M Da
HyaPoly [®] Sodium Hyaluronate Food Grade HMW	1.8M Da~3.0M Da

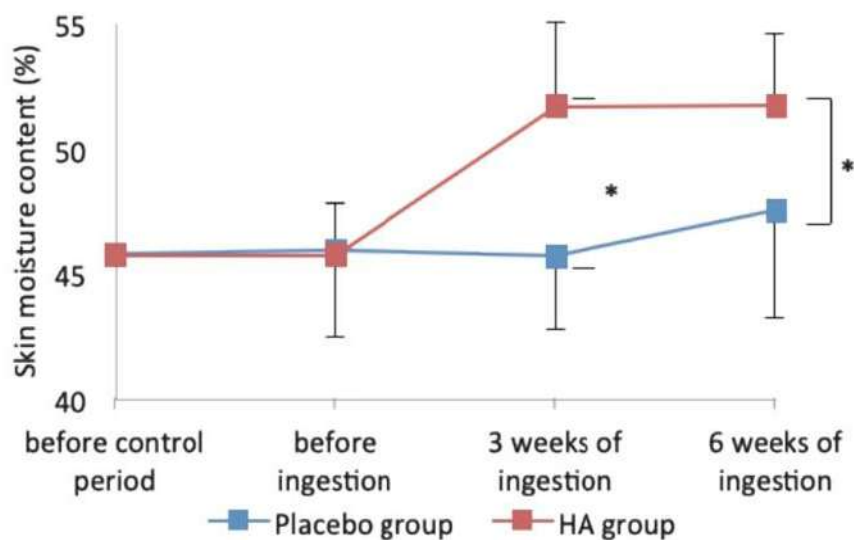
- HyaPoly[®] Sodium Hyaluronate Eye Drop Grade
- HyaPoly[®] Sodium Hyaluronate 1% Solution
- HyaPoly[®] Sodium Hyaluronate Injection Grade
- HyaPoly[®] Sodium Hyaluronate (Cation)
- HyaPoly[®] Sodium Hyaluronate Gel
- HyaPoly[®] Sodium Hyaluronate Oil-dispersible Ointment
- HyaPoly[®] Sodium Hyaluronate Oligosaccharides (<3K Da)
- HyaPoly[®] Sodium Acetylated Hyaluronate

HyaPoly® Application

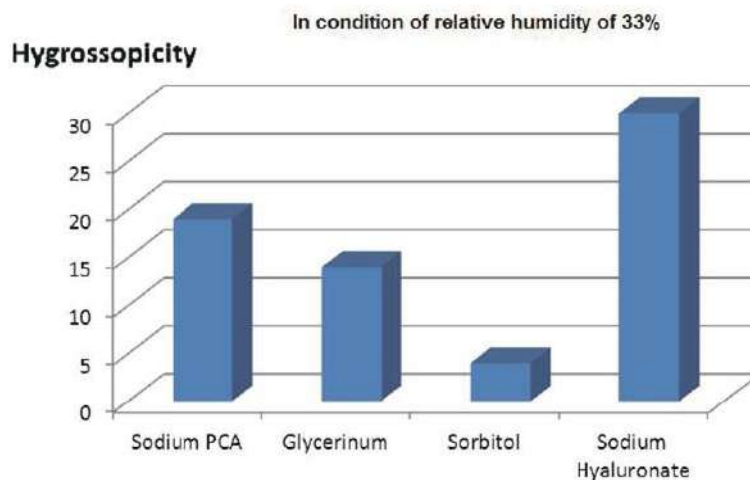
- Dietary supplement
- Functional cosmetic
- Eye drop
- Wound healing product
- Injectable gel to treat osteoarthritis or wrinkle
- Feed stuff for racehorse

HyaPoly® Advantages

- All specifications customized
- Heat stability
- Fast dissolution
- Bulk density controllable
- Non-animal derived
- High purity
- Particle size (20-200mesh)



Skin moisture content changes by HA (MMW: 0.8×10^6) ingestion (120mg/day) or placebo. Data are presented as mean $\pm$ S.E. Asterisks indicate a statistically significant difference, * $p < 0.05$.



Hyaluronic acid has higher hygroscopicity in a low relative humidity (e.g., 33%)



HyaPoly[®] 透明质酸钠



HyaPoly® 功效

保湿锁水

清除自由基

抗紫外

对皮肤细胞外基质的结构至关重要

延缓角质形成细胞分化进程

对骨骼、关节和软骨至关重要

保持健康强壮的肌腱和韧带

抗干眼症&眼组织健康

伤口愈合

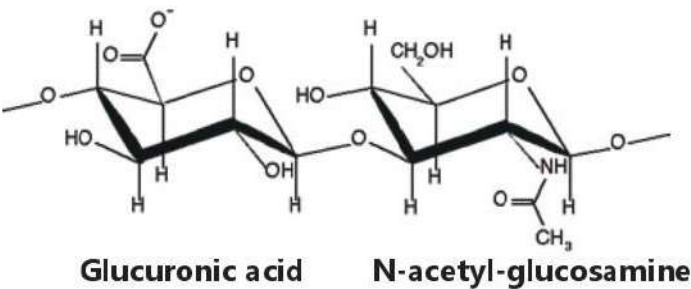
HyaPoly® 推荐使用量

化妆品	日常护肤	0.02% ~ 0.1%
	夜间修复	0.01% ~ 0.05%
	防晒	0.02% ~ 0.1%
	彩妆	0.005% ~ 0.02%
	剃须前/剃须后	0.02% ~ 0.1%
	洁面乳	0.005% ~ 0.06%
营养品	补充剂	30 ~ 80mg/day



描述

透明质酸 (HA) 是一种由葡萄糖醛酸-N-乙酰氨基葡萄糖重复二糖单元组成的直链大分子粘多糖。



HyaPoly[®], 是由兽医链球菌发酵生产的, 产品以各种盐的形式存在, 而钠盐是最常见的商业产品, 被称为透明质酸钠, 通常也被称为透明质酸或透明质酸HA。

HyaPoly[®] 规格

HyaPoly[®] 透明质酸钠化妆品级 (COSMOS认证)

HyaPoly [®] 透明质酸钠化妆品级 SLMW	3K Da~8K Da
HyaPoly [®] 透明质酸钠化妆品级 LMW1	8K Da~20K Da
HyaPoly [®] 透明质酸钠化妆品级 LMW2	20K Da~50K Da
HyaPoly [®] 透明质酸钠化妆品级 LMW3	50K Da~100K Da
HyaPoly [®] 透明质酸钠化妆品级 CLMW	100K Da~500K Da
HyaPoly [®] 透明质酸钠化妆品级 CMMW	0.5M Da~0.8M Da
HyaPoly [®] 透明质酸钠化妆品级 MMW	0.8M Da~1.5M Da
HyaPoly [®] 透明质酸钠化妆品级 CHMW	1.5M Da~1.8M Da
HyaPoly [®] 透明质酸钠化妆品级 HMW	1.8M Da~3.0M Da

HyaPoly[®] 透明质酸钠食品级

HyaPoly [®] 透明质酸钠食品级 SLMW	3K Da~8K Da
HyaPoly [®] 透明质酸钠食品级 LMW1	8K Da~20K Da
HyaPoly [®] 透明质酸钠食品级 LMW2	20K Da~50K Da
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HyaPoly [®] 透明质酸钠食品级 MMW	0.8M Da~1.5M Da
HyaPoly [®] 透明质酸钠食品级 CHMW	1.5M Da~1.8M Da
HyaPoly [®] 透明质酸钠食品级 HMW	1.8M Da~3.0M Da

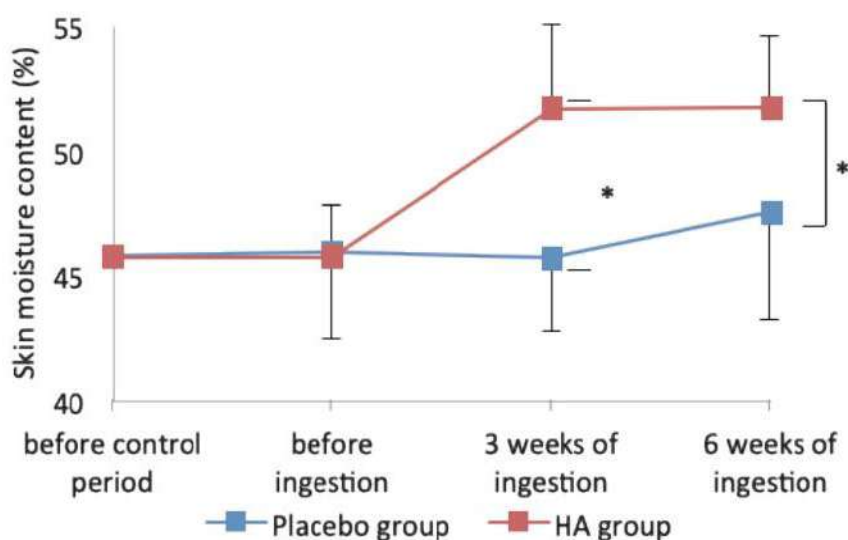
- HyaPoly[®] 透明质酸钠滴眼药级
 - HyaPoly[®] 透明质酸钠1%水溶液
 - HyaPoly[®] 透明质酸钠注射级
 - HyaPoly[®] 阳离子透明质酸钠
- HyaPoly[®] 交联透明质酸钠凝胶
 - HyaPoly[®] 油分散透明质酸钠
 - HyaPoly[®] 透明质酸钠寡糖(<3K Da)
 - HyaPoly[®] 乙酰化透明质酸钠

HyaPoly® 应用

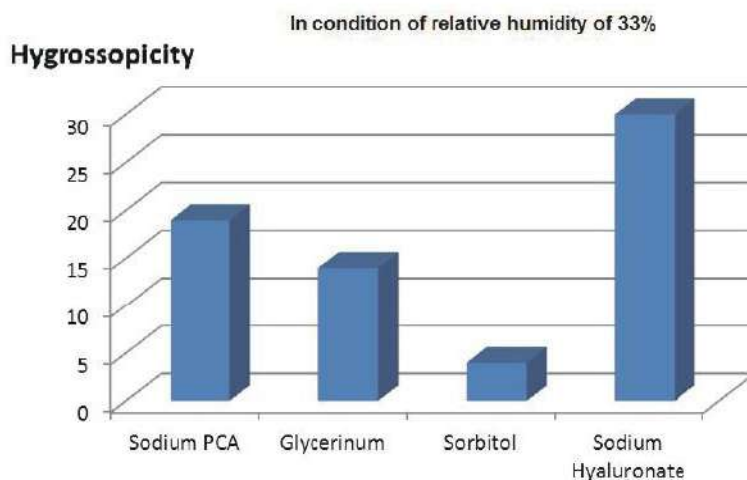
- 膳食补充剂
- 功能性化妆品
- 滴眼剂
- 伤口愈合产品
- 治疗骨关节炎或皱纹
- 饲料

HyaPoly® 优势

- 所有规格可定制
- 热稳定
- 快速溶解
- 堆积密度可控
- 非动物来源
- 高纯度
- 粒径(20-200目)



通过摄食(120mg/天) HA (MMW: 0.8×10^6) 或安慰剂改变皮肤水分含量。数据以平均值±标准误差表示,星号表示差异有统计学意义,* $p < 0.05$ 。



透明质酸在较低的相对湿度下具有较高的吸湿性(如33%)。