



PRODUCT SPECIFICATION

Product name	Sodium hyaluronate food grade		
Product description	White or almost white,very hygroscopic powder or fibrous aggregate		
Product Benefits	Promotes facial skin health, improves skin moisture and antioxidants; Lubricate joints: The results showed that hyaluronic acid and the peptides and glycopeptides in synovial fluid play an important role in lubrication; To delay the aging and functional decline of human tissues and organs caused by the decrease of hyaluronic acid.		
Product specification	Sodium Hyaluronate	$\geq 95\%$	QB/T4576
	Appearance of Solution	$A_{600nm} \leq 0.01$	EP 9.0
	Nucleic Acids	$A_{260nm} \leq 0.5$	EP 9.0
	pH (0.5% aq. sol., 25℃)	5.0-8.5	EP 9.0
	Molecular Weight	0.80-1.50MDa	QB/T4576
	Protein	$\leq 0.1\%$	CP
	Loss on drying	$\leq 10.0\%$	GB5009.3
	Residue on Ignition	$\leq 20.0\%$	CP
	Chlorides	$\leq 0.5\%$	EP 9.0
	Iron	$\leq 80\text{ppm}$	EP 9.0
	Heavy metal	$\leq 10\text{ppm}$	QB/T4576
	Arsenic	$\leq 2\text{ppm}$	GB5009.11
	Bacteria Counts	$\leq 100\text{CFU/g}$	QB/T4416
	Molds & Yeasts	$\leq 100\text{CFU/g}$	QB/T4416
	Staphylococcus aureus	Negative/g	QB/T4416
	Escherichia coli	Negative/g	CP
	Hemolytic Streptococci	Negative/g	GB 4789.11
	Salmonella	Negative/25g	GB 4789.4
	Hemolysis	Negative/g	JP
Storage Conditions	Store in a ventilated, dry place, off the ground and away from the wall, and not mixed with toxic harmful, odorous, volatile, and corrosive items		
Packing	According to customer requirements		
Shelf life	36 months(unopened packaging)		

电话 Tel: 400 090 5566 传真 Fax: +86-537-3195599 邮箱 Email: sales@focuschem.com

地址: 山东省济宁市曲阜市高铁新区经济开发区 网址 Web: www.focusfreda.com

Add: New Economic Development Zone of High Speed Rail, Qufu, Jining, Shandong, China.



山东焦点福瑞达生物股份有限公司 Shandong Focusfreda Biotech Co., Ltd

Company Name Change Statement

Dear Customer,

We are very glad to inform you that our company name has been officially updated from Shandong **Focuschem** Biotech Co., Ltd to Shandong **Focusfreda** Biotech Co., Ltd. All the registrations in Chinese customs, CIQ and other related government bureaus have been updated to the new company name too.

We are changing our company because we have accepted investment from Lushang Development in February 24th 2020. Lushang Development is 100% owned by SASAC (State-owned Assets Supervision and Administration Commission) of Shandong Province China. After investment, Lushang Development is owning 60,11% of shares for our company.

Freda Group is the leading pharmaceutical group company in Shandong Province. Freda is the first company for Sodium Hyaluronate / Hyaluronic Acid in China many years ago. They are 100% owned by Lushang Development.

With connection of Lushang Development, we Focuschem have established multiple cooperation with Freda Group in technical research & innovation of Sodium Hyaluronate / Hyaluronic Acid. Thus, our Chinese company name had been changed on December 15th 2020 and our English company name had been updated completely on January 18th 2021. Please take this statement as an official notification!

With the cooperation with Freda Group, we hope we can bring you stronger support and better cooperation on Sodium Hyaluronate / Hyaluronic Acid! Please kindly update our company name in your system! For any further inquiries of the company name changes, please feel free to contact our Sales Department, we will very glad to introduce more to you!

Thank you very much for your attention!

Best regards,

Shandong Focusfreda Biotech Co., Ltd

January 23rd 2021

