

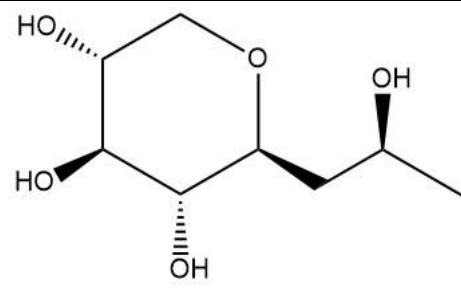


产品技术说明书 Technical Data Sheet

1. 企业简介 Company Profile

公司名称 Company Name	浙江熙正霖生物科技有限公司 Zhejiang Seedling Biotechnology Co., Ltd.
公司地址 Company Address	浙江省杭州市钱塘区下沙街道银海科创中心3幢401室 Room 401, Building 3, Yin Hai Science and Technology Innovation Center, Xiasha Street, Qiantang District, Hangzhou, Zhejiang Province
公司介绍 Company Introduction	我们是一家专注于合成生物技术的创新型企业,已成功将合成生物学技术应用 于保健品、功能食品、化妆品原料等领域。 As an innovative enterprise focusing on synthetic biotechnology, we have successfully applied synthetic biology technology to health care products, functional foods, cosmetic raw materials and other fields.

2. 产品基本信息 Product Information

产品名称 Product Name	S-玻色因 Pro-xylane
INCI 名称 INCI Name	羟丙基四氢吡喃三醇 Hydroxypropyl Tetrahydropyrantriol
CAS No.	868156-46-1
结构式 Structural Formula	
分子式 Molecular Formula	$C_8H_{16}O_5$
分子量 Molecular Weight	192.21

3. 产品用途 Product Applications

应用范围 Application Range	化妆品 Cosmetics
功效 Efficacy	抗衰, 抗皱, 修复 Anti-aging, anti-wrinkle, repairing



4. 质量标准 Quality Standards

项目 Items	标准 Specifications
外观 Appearance	白色或类白色粉末 White or off-white powder
气味 Odor	无异味 Odorless
含量（以干燥品计） Assay (on dry basis)	98.0%-102.0%
纯度（HPLC） Purity (by HPLC)	≥99.0%
电导率 Conductivity	≤50 μS/cm
pH 值（1%水溶液） pH value (1% aqueous solution)	5.0~8.0
硼酸和硼酸盐 Boric acid and borate	不得检出 No detection
干燥失重 Loss on drying	≤0.5%
炽灼残渣 Residue on ignition	≤0.5%
铅 Lead	≤0.5 ppm
砷 Arsenic	≤1.0 ppm
汞 Mercury	≤0.5 ppm
镉 Cadmium	≤0.1 ppm
菌落总数 Total plate count	≤100 CFU/g
霉菌和酵母菌总数 Total molds and yeasts count	≤50 CFU/g
耐热大肠菌群 Thermotolerant coliforms	不得检出/g No detection
金黄色葡萄球菌 <i>Staphylococcus aureus</i>	不得检出/g No detection
铜绿假单胞菌 <i>Pseudomonas aeruginosa</i>	不得检出/g No detection



5. 包装规格 Packing Specifications

常规包装规格 General Packing Specifications	1kg/袋, 25kg/桶 1kg/bag, 25kg/barrel
其他包装规格 Other Packing Specifications	根据客户需求定制。 According to customers' requirements.

6. 储存条件和保质期 Storage Conditions and Shelf Life

储存条件 Storage Conditions	密封避光, 阴凉干燥处储存。 Store in a cool and dry place, keep tightly closed and protect from light.
保质期 Shelf Life	在建议的储存条件下, 保质期 2 年。 Shelf life for 2 years under the recommended storage conditions.

7. 使用说明 Instructions for Use

建议添加量 Recommended Use Level	2.0%~10.5%
添加方式 Adding Method	添加于水相中, 于 40~50°C 搅拌溶解, 待体系降温至 40°C 以下后混合。 Add to the aqueous phase, stir to dissolve at 40~50°C, then mix after the system cools down to below 40°C.