

# 浙江正硕生物科技有限公司

Zhejiang zhengshuo Biotechnology Co., Ltd

## Certificate of Analysis

Product Name	Pro-xylane		
CAS NO.	439685-79-7	Manufacturing Date	2023.03.16
Batch NO.	ZS20230316	Quantity	120kg
Test Date	2023.03.27	Reference	In House
Expiry Date	2025.03.15	Packing	20kg/drum
Test Item	Specifications		Test Result
Appearance	White powder		White powder
Odor	Odorless		Conforms
Assay (HPLC)	≥99%		99.12%
Purity (by HPLC,% area)	≥99%		99.70%
pH value	5.0~7.0		6.70
Optical Rotation	-38.0° ~ -41.0°		-40.1°
Residue on ignition	≤0.50%		0.06%
Chiral Purity(S-type)	≥98%		99.60%
As	≤2ppm		Not Detected
Pb	≤10ppm		<3ppm
Cd	≤5ppm		Not Detected
Hg	≤1ppm		Not Detected
Total microbial count	≤750 cfu/g		Conforms
Molds & Yeasts	≤100 cfu/g		Conforms
Escherichia coli & Salmonella	Negative		Not Detected
Staphylococcus aureus	Negative		Not Detected
Pseudomonas aeruginosa	Negative		Not Detected
Conclusion	The product meets In-house requirements		

Analyst:

朱建峰

Review:

刘建峰