



武汉福鑫化工有限公司

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CERTIFICATE OF ANALYSIS

Products Name	CAS NO.	Batch No.
Pentosan Polysulfate Sodium	37319-17-8	20240215
Mfg. Date	Exp. Date	Package
Feb.,15,2024	Feb., 14,2026	25kg/ Box/Bag/Drum

ITEMS	SPECIFICATIONS	RESULTS
Appearance	White to cream colored powder	White powder
Identification	1. Test for sodium: Positive 2. IR: concordant with working standard	Positive Conforms
Solubility	Soluble in water, sparingly soluble in 0.1 N NaOH solution and practically insoluble in methanol	Conforms
Water (by K.F.)	≤10.0%	8.1%
Color of solution (10% Aqueous solution)	≤0.5%	0.43%
pH (25% Aqueous solution)	4.5-6.5	4.9
Sulphur	13.0%-20.0%	15.8%
D-Glucuronic acid	7.0%-12.0%	8.0%
Heavy metals	≤20ppm	<20ppm
Average molecular weight	4000-7000 Daltons	4501 Daltons
Content of low molecular Weight component	≤12.0%	11.2%
Assay (by HPLC)	95.0%-105.0%	99.4%
Conclusion	Meet the requirements of Enterprise standard.	

Q.C.: Luo Xiaofeng

Tester: AT02

Re-tester: AT03

