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CERTIFICATE OF ANALYSIS

Product: Pentosan polysulfate sodium	Mfg. date: Jan, 05, 2024	Lot No.: 20240105
CAS NO. 37319-17-8	Exp. date: Jan, 04, 2026	Quantity: 5kg

Items	Specifications	Results
Appearance	White or off white powder	Off white powder
Identification	¹ H- NMR spectrum	Complied
Average MW	4000-7000 Daltons	5540
Content of LMW component	$M_{\leq 3000} < 12.0\%$	8.6%
pH	4.5-6.5	5.6
Sulphur content	13.0 to 20.0 wt%	15.4%
D-Glucuronic acid content	7.0 to 12.0 wt%	9.3%
Solubility	Soluble in water, sparingly soluble in 0.1 N NaOH solution and practically insoluble in methanol	
Heavy metals	NMT 30 ppm	Passed
Conclusion	The product conforms to the standard.	

QC:

Tester:

Re-tester: