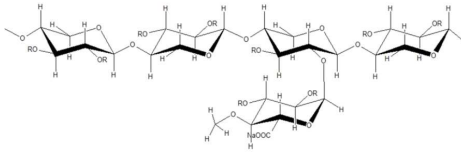


SPECIFICATION SHEET

Product Name	Pentosan polysulfate sodium	 R-SO ₃ Na
CAS No.	140207-93-8	
Molecular Formula	(C ₅ H ₁₀ O ₁₄ S ₂ Na ₂) n	
Molecular Weight	4000~6000	
Product Specification	98%	
Country of Origin	China	

QUALITY SPECIFICATIONS

ITEMS	SPECIFICATIONS	METHODS
Appearance	White to off-white powder	Visual
Identification	Consistent with the reference standard	IR
	In the chromatogram recorded under the content determination item, the retention time of the main peak of the test solution should be consistent with that of the main peak of the reference substance	HPLC
Loss on drying	≤1.0%	USP<731>
Residue on Ignition	≤2.0%	USP<281>
Molecular Weight	4000~6000	GPC
Related substances	High molecular weight fraction ≤5.0%	GPC
	Low molecular weight fraction ≤5.0%	
Residual solvents	Complies with ICH Q3D limits	GC
Assay		
Pentosan polysulfate sodium (dry product)	90.0%~110.0%	HPLC
Sulfur	8.0%~10.0%	ICP-OES
Heavy metal		
Heavy Metals	≤20ppm	USP<231>
Microbiological		



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ITEMS	SPECIFICATIONS	METHODS
Total Plate Count	<1000cfu/g	USP <2021>
Yeast& Mold	<100cfu/g	USP <2021>
E.Coli	Negative	USP <2022>
Salmonella	Negative	USP <2022>
Staphylococcus	Negative	USP <2022>

STORAGE, STABILITY & PACKAGING

Storage	Store in a cool & dry place, keep away from strong light and heat.
Stability	24 months when properly stored.
Packaging	500g/bag, 1kg/bag, 5kg/bag