

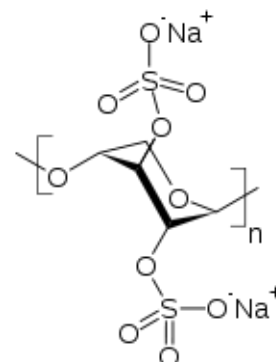
Product Specification

PRODUCT Pentosan Polysulfate Sodium (Min. 95%)

CAS no. [116001-96-8]

SYNONYMS Pentosan Polysulphate Sodium;

CHARACTERISTICS White to off-white semi-crystalline, odourless powder.



TEST	SPECIFICATION	
Content	95.0% to 105.0% (anhydrous basis)	
Identification (HPLC & IR)	Complies with standard tests	
Appearance of solution	The solution is clear and colourless to pale yellow	
Absorbance	Maximum 0.300	
pH (250mg/ml aqueous solution)	4.0 to 6.0	
Moisture content (by Karl Fischer)	Maximum 10%	
Hardness as CaCO ₃	Maximum 500 ppm	
Determination of molecular weight	Average molecular weight 4000 to 6500	
Total Sulphur content	13.0% to 20.0% w/w	
Glucuronic Acid	2.5% to 4.0% w/w	
Heavy metals	Maximum 20 ppm	
Polydispersity	1.1 to 1.8	
Optical rotation (10% aq. soln. @25°C)	-52° to -62°	
Residual solvents	Methanol Pyridine Dimethyl Formamide	Maximum 3000 ppm Maximum 200 ppm Maximum 880 ppm
Endotoxin	Maximum 50EU/g	

STORAGE Should be stored in an airtight container in a cool, dry place and protected from light.

PRODUCT NAMED ABOVE COMPLIES WITH THE STATED SPECIFICATION.

