



SODIUM DEXTRAN SULFATE 500,000 SPECIFICATION SHEET DS5H-5201

$C_6H_{10}O_5$ * M.W. 500,000 * CAS# 9011-18-1

ANALYSIS	SPECIFICATIONS
Appearance and Color	Off white to light yellow powder
Clarity (20% Solution) Absorbance at 360 nm	NMT 0.9 OD Unit
Black Spec/100ml	NMT 10
Chloride Content	NMT 1000 ppm
Free Inorganic Sulphate	NMT 0.2%
Glucose Content	35% - 45%
Identity	To Pass Test
Insoluble Iron	NMT 2.0%
Loss on Drying (LOD)	NMT 10.0%
pH (1% Solution)	5.0 to 7.5
Residue on Ignition (ROI)	40% - 50%
Residual Pyridine	NMT 2.0%
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°
Specific Viscosity (In 1.0M NaCl at 25°C)	0.10 – 0.70
Total Sulphur Content	17.0% - 20.0%