



SODIUM DEXTRAN SULPHATE 8,000 (DS8) SPECIFICATION SHEET DS08-5201

$C_6H_7NA_3O_{14}S_3$ M.W. 8000 CAS# 9011-18-1

ANALYSIS	SPECIFICATIONS
Appearance	Off white to light yellow powder
Clarity (20% Solution) at 360 nm	NMT 0.9 OD Units
Black Spec/100 ml	NMT 10
Chloride Content	NMT 1000 ppm
Free Inorganic Sulphate	NMT 0.2%
Glucose Content	35% - 48%
Insoluble Iron	NMT 2.0%
Identification	To Pass Test
pH (1% Solution)	5.0 to 7.5
Loss on Drying (LOD)	NMT 10.0%
Residue on Ignition	35% - 50%
Residual Pyridine	NMT 2.0%
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°
Specific Viscosity (In 1.0M NaCl at 25° C)	0.018 – 0.032
Total Sulphur Content	17.0 % - 20.0%