



SODIUM DEXTRAN SULFATE 40,000 (DS40)

SPECIFICATION SHEET

DS40-5201

$C_6H_7O_5 \cdot n$ M.W. 40,000 \cdot CAS# 9011-18-1

ANALYSIS	SPECIFICATIONS
Appearance	Off white to light yellow powder
Black Spec/100 ml	NMT 10
Clarity (20% Solution) Absorbance at 360 nm	NMT 0.9 OD Unit
Chloride Content	NMT 100 ppm
Free Inorganic Sulphate	NMT 0.2%
Glucose Content	35% - 48%
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)	35% - 50%
Residual Pyridine	NMT 2.0%
Specific Rotation $[\alpha]_D^{20}$	+75° to +105°
Specific Viscosity (In 1.0M NaCl at 25°C)	0.05 – 0.13
Total Sulfur Content	17.0% - 20.0%