

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Product Specifications

Catalogue Number	29899
Product	Dextran sulfate sodium salt, $M_w \sim 500,000$
CAS Number	9011-18-1
Molecular Formula	$(C_6H_{10}O_5)_n$

Appearance	Off-white to light yellow powder
Viscosity	0.10 - 0.70 (In 1.0M NaCl at 25 °C)
Anion	Chloride (Cl ⁻) : ≤ 1000 ppm
pH	5.0 - 7.5 (1% solution)
Optical Rotation	$[\alpha]_D^{20} = 75 - 105^\circ$
Loss on Drying	≤ 10%
Residual Solvents	Pyridine: ≤ 2%
Residue On Ignition	40 - 50%
Storage	Store at RT
Additional Information	Identity (Colorimetry) : To pass test Free inorganic sulphate : ≤ 0.2% Total Sulphur content : 17 - 20% Glucose content : 35 - 48% Insoluble Iron : ≤ 2% UV absorbance at 360 nm (20% solution) : ≤ 0.9 OD unit Clarity in 100 mL of 20% solution : < 10 specs

For Laboratory Use Only