

Dextran Sulphate



CAS Number: 9011-18-1

Manufacturing site: pK Chemicals A/S, Københavnsvej 140, 4600 Køge

Dextran Sulphate is a polyanionic derivative of Dextran. It is supplied as a white, sodium salt powder, stabilized by a small amount of phosphate. Dextran Sulphate is freely soluble in water and salt solutions forming a stable, clear solution, which may be sterilized by sterile filtration.

Specification

Test/Characteristic	Limit	Test Method
Appearance	Comparable to ref.	EP
Solubility	Clear and particle free	EP
Turbidity	≤ 5.0 NTU	EP
Identification	Complies	EP
Sulphur content	16.0-19.0 % S	Internal
Specific optical rotation	+90° to +105°	EP
Specific viscosity	≥ 0.32	EP
Absorbance	≤ 0.15	EP and USP
Loss on drying	≤ 7 %	EP and USP
pH	6.0-8.0 (1 % w/v sol)	EP
Free Sulphate	≤ 0.5 %	Internal