

ANALYTICAL SPECIFICATION

Issued by: K. Bäckström **Edition no:** 0411AD

Approved by:A.N.de BelderSupersedes: 0411AC

Valid from: 12-2016

Dextran sulfate 100 LS

Catalogue No. DB015

Description: A polyanionic derivative of dextran with a weight average molecular weight of

approximately 100000. Supplied as the sodium salt as a white to off white

powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	White to off white	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	70000-110000	02030
Number average molecular weight (Mn)	To be noted	02030
Loss on drying	≤ 10 %	02018
Sulphur content	8.0-13.0 %	02011
Specific optical rotation	+90° to +140°	02008
рН	5.0-7.5	02009
Free sulfates	≤ 2 %	02013