

ANALYTICAL SPECIFICATION

Issued by: K. Bäckström

Edition no: 0402AE

Approved by: A.N.de Belder

Supersedes: 0402AD

Valid from: 12-2016

Dextran sulfate sodium (DSS) for colitis
Catalogue No. DB001

Description: A polyanionic derivative of dextran with a weight average molecular weight of approximately 40000. 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)	35000-50000	02030
Number average molecular weight (Mn)	to be noted	02030
Loss on drying	≤ 10%	02018
Sulfur content	16-19 %	02011
pH	5.0-6.5	02009
Free sulfates	≤ 2%	02013
