

# ANALYTICAL SPECIFICATION

*TENTATIVE*

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## Dextran sulfate 8 kDa LS

Catalogue No. DB007

**Description:** A polyanionic derivative of dextran with a weight average molecular weight of approximately 8000. 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)	6500-9000	02030
Number average molecular weight (Mn)	To be noted	02030
Sulfur content	8-13 %	02011
pH	5.0-7.5	02009
Free sulfates	≤ 2%	02013
Loss on drying	≤ 10%	02018