

ANALYTICAL SPECIFICATION

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Dextran sulfate 5 HS

Catalogue No. DB004

Description: A polyanionic derivative of dextran with a weight average molecular weight of approximately 5000. Supplied as the sodium salt as a white to off white powder 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)	3000-6000	02030
Number average molecular weight (Mn)	to be noted	02030
Sulphur content	16-20 %	02050
pH	5.0-7.5	02009
Free sulfates	≤ 2 %	02013
Loss on drying	≤ 10 %	02018
