

ANALYTICAL SPECIFICATION

Tentative

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DEXTRAN SULFATE 2000 HS

Catalogue No. DB054

Description: A polyanionic derivative of dextran with a weight average molecular weight of approximately 2000000. 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)	1800000-3000000	02030
Number average molecular weight (Mn)	To be noted	02030
Specific optical rotation	+85° to +110°	02008
Absorbance	≤0.1	02019
Loss on drying	≤ 10%	02018
Sulfur content	16-20 %	02011
pH	5.0-7.5	02009
Free sulfate	≤ 2%	02013