

ANALYTICAL SPECIFICATION

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Q-dextran 4
Catalogue No. QD4

Description: A quaternary ammonium derivative of a dextran fraction with an average molecular weight of approximately 4000. It is supplied as a coarse white powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	White to off white	02037
Appearance, form	Powder or crystals or granules	02037
Weight average molecular weight (Mw)	3500-5500	02030
Number average molecular weight (Mn)	to be noted	02030
Nitrogen content	1.5-2.5 %	Elemental analysis
pH	5-7	02009
Specific optical rotation	+120° to +150°	02008
Loss on drying	≤ 10%	02018
