

ANALYTICAL SPECIFICATION

Tentative

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Q-dextran 10
Catalogue No. QD10

Description: A quaternary ammonium derivative of a dextran fraction with an average molecular weight of approximately 10000. 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)	To be noted	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	+130° to +150°	02008
Loss on drying	≤ 10%	02018
