

ANALYTICAL SPECIFICATION

Tentative

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FITC-dextran sulfate 10

Catalogue No. FDSS10

Description: A FITC derivative of dextran sulfate 10 (DSS). Supplied as a yellow to pale yellow powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Light yellow to dark yellow	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	7500-15000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.001-0.020	02002
Sulphur content	16-20 %	02011
Free FITC	≤ 100 ppm	02005
Loss on drying	≤ 10%	02018
