

ANALYTICAL SPECIFICATION

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FITC-dextran sulfate 500

Catalogue No. FDSS500

Description: A FITC derivative of dextran sulfate 500 (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)	Made from Dextran sulfate 500 kDa	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
