

ANALYTICAL SPECIFICATION

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FITC-dextran 500 kDa

Catalogue No. FD500

Description: A fluorescent derivative of a dextran fraction with an average molecular weight of approximately 500000. It is supplied as a yellow powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Light yellow to dark yellow or light orange to dark orange or yellow-orange or orange-yellow	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	400000-600000	02030
Number average molecular weight (Mn)	To be noted	02030
Loss on drying	≤ 10%	02018
Degree of substitution	0.001-0.008	02002
Free FITC	Pass	02005