

ANALYTICAL SPECIFICATION

Tentative

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FITC-lysine-dextran 4

Catalogue No. FLD4

Description: A fluorescent derivative of lysine-dextran with an average molecular weight of approx. 4000 which is supplied as a yellow powder readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Light yellow to dark yellow to dark orange	02037
Appearance, form	Powder or flakes	02037
Weight average molecular weight (Mw)	2000-6000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.001-0.03	02002
Free FITC	≤ 100 ppm	02005
Loss on drying	≤ 10%	02018
