

ANALYTICAL SPECIFICATION

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Edition no: 0210AE

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Supersedes: 0210AD

Valid from: 06-2022

FITC-dextran 110
Catalogue No. FD110

Description: A fluorescent derivative of a dextran fraction with an average molecular weight of approximately 110000. It is supplied as a yellow to dark orange 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)	100000-120000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.001-0.020	02002
Free FITC	≤ 100 ppm	02005
Loss on drying	≤ 10%	02018
