

ANALYTICAL SPECIFICATION

Tentative

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Edition no: 0705AC

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Supersedes: 0705AB

Valid from: 06-2022

FITC-polysucrose 50
Catalogue No. FP50

Description: A fluorescent derivative of a polysucrose 50 fraction with an average molecular weight of 50000. 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)	40000-65000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.003-0.015	02002
Free FITC	≤ 100 ppm	02005
Loss on drying	≤ 10%	02018
