

# ANALYTICAL SPECIFICATION

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**FITC-dextran 40**  
Catalogue No. FD40

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**Description:** A fluorescent derivative of a dextran fraction with an average molecular weight of approximately 40000. It is supplied as a yellow powder which is readily soluble in water.

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Light yellow to dark yellow to dark orange	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	35000-45000	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

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