

## ANALYTICAL SPECIFICATION

**Issued by:** G. Jandikova **Edition no:** 0206AH

Approved by:Charlotte de Belder TesséusSupersedes: 0206AG

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## FITC-dextran 70

Catalogue No. FD70

**Description:** A fluorescent derivative of a dextran fraction with an average molecular weight

of approximately 70000. 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)	60000-80000	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