

# ANALYTICAL SPECIFICATION

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**FITC-inulin 4.5**  
Catalogue No. FI

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**Description:** A fluorescent derivative of an inulin fraction with an average molecular weight between 3000-6000. Supplied as a yellow powder which is soluble in water.

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
<b>Appearance, colour</b>	Light yellow to dark yellow to dark orange	02037
<b>Appearance, form</b>	Powder	02037
<b>Weight average molecular weight (Mw)</b>	3000-6000	02030
<b>Number average molecular weight (Mn)</b>	To be noted	02030
<b>Free FITC</b>	≤ 100 ppm	02005
<b>Degree of substitution</b>	0.001-0.015	02002
<b>Loss on drying</b>	≤ 10 %	02018

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