

ANALYTICAL SPECIFICATION

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Edition no: 0504AF

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Supersedes: 0504AE

Valid from: 12-2016

TRITC-dextran 40 kDa
Catalogue No. TD40

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

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Pink	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	35000-55000	02030
Number average molecular weight (Mn)	To be noted	02030
Emission maximum ¹⁾	577±5 nm	02036
Degree of substitution	0.001 – 0.008	02003
Free TRITC	Pass	02006
Loss on drying	≤ 10 %	02018

¹⁾Exc. 550 nm in 0.1 M TRIS, pH 8.0