

ANALYTICAL SPECIFICATION

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Edition no: 0505AF

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Supersedes: 0505AE

Valid from: 03-2020

TRITC-dextran 70 kDa
Catalogue No. TD70

Description: A fluorescent derivative of a dextran fraction with an average molecular weight of approximately 70000. It is supplied as a pink powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Pink to purple	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	63000-85000	02030
Number average molecular weight (Mn)	To be noted	02030
Emission maximum¹⁾	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