

ANALYTICAL SPECIFICATION

Tentative

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TRITC-polysucrose 70

Catalogue No. TP70

Description: A fluorescent derivative of a polysucrose 70 fraction with an average molecular

weight of approx. 70000. Supplied as a pink to 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)	60000-80000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.003-0.015	02003
Emission maximum ¹⁾	575±5 nm	02035
Free TRITC	≤ 100 ppm	02006
Loss on drying	≤ 10 %	02018
¹⁾ Exc. 548 nm in 0.1M phosphate buffer, pH 7.0		