

# ANALYTICAL SPECIFICATION

Tentative

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## TRITC-polysucrose 40

Catalogue No. TP40

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**Description:** A fluorescent derivative of a polysucrose 40 fraction with an average molecular weight of approx. 40000. Supplied as a pink to red powder which is readily soluble in water.

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Pink	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	30000-50000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	0.001-0.015	02003
Emission maximum <sup>1)</sup>	577±5 nm	02035
Free TRITC	≤ 100 ppm	02006
Loss on drying	≤ 10 %	02018

<sup>1)</sup>Exc. 550 nm in 0.1M phosphate buffer, pH 7.0

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