

ANALYTICAL SPECIFICATION

Tentative

Issued by: G. Jandikova

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Approved by: C. de Belder Tesséus

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TRITC-polysucrose 400

Catalogue No. TP400

Description: A fluorescent derivative of a polysucrose 400 fraction with an average molecular weight of approx. 400000. 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)	350000-450000	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
