

# ANALYTICAL SPECIFICATION

*Tentative*

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**FITC-trehalose**  
Catalogue No. FTRE

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**Description:** A fluorescent derivative of trehalose. Supplied as an orange to dark orange powder which is readily soluble in water.  
Spectral data: Abs<sub>max</sub> 493 nm

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
<b>Appearance, colour</b>	Orange to dark orange	02037
<b>Appearance, form</b>	Powder	02037
<b>Weight average molecular weight (Mw)</b>	To be noted	LRMS <sup>1)</sup>
<b>Emission maximum<sup>2)</sup></b>	520 ± 5 nm	02036
<b>Free dye</b>	≤ 100 ppm	02005

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<sup>1)</sup> Low resolution MS

<sup>2)</sup> Exc. 493 nm in 0.1 M TRIS pH 8.0