

# ANALYTICAL SPECIFICATION

*Tentative*

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## **FITC-TRITC-dextran 500**

Catalogue No. FTD500

**Description:** A fluorescent derivative of a dextran fraction with an average molecular weight of approximately 500000.

It is supplied as a pink powder which is readily soluble in water.

Abs<sub>max</sub>:      λ<sub>FITC</sub> = 493 nm;      λ<sub>TRITC</sub> = 550 nm

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
<b>Weight average molecular weight (Mw)</b>	400000-600000	02030
<b>Number average molecular weight (Mn)</b>	To be noted	02030
<b>Ratio of degree of substitution FITC:TRITC</b>	To be noted	02002/02003
<b>Ratio of fluorescent intensity FITC:TRITC</b>	To be noted	02049
<b>Free FITC and TRITC</b>	To pass	02005/02006
<b>Loss on drying</b>	≤ 10 %	02018