

# ANALYTICAL SPECIFICATION

*Tentative*

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## **Atto488™-lysine-dextran 10**

Catalogue No. AT488LD10

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**Description:** A fluorescent derivative of a lysine-dextran fraction with an average molecular weight of approximately 10000 supplied as an orange powder readily soluble in water.

$$\lambda_{ABS_{max}} = 502 \text{ nm}$$

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
<b>Appearance, colour</b>	Dark yellow to orange	02037
<b>Appearance, form</b>	Powder or crystals	02037
<b>Weight average molecular weight (Mw)</b>	Made from Lysine-dextran 10	02030
<b>Degree of substitution</b>	0.001-0.008	02002
<b>Free ATTO</b>	To pass test	02033
<b>Loss on drying*</b>	≤ 10 %	02018

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\*Analysed only for batches ≥ 3g