

# ANALYTICAL SPECIFICATION

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**Blue dextran 5**  
Catalogue No. BD5

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**Description:** A derivative of a dextran fraction with an average molecular weight of approximately 5000. It is supplied as a blue powder which is slowly soluble in water.

**CAS No.** 87915-38-6

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Blue to dark blue	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	4000-6000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution (mmol/g)	0.01-0.08	02004
Free Cibacron blue	Pass	02007
Loss on drying	≤ 10%	02018

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