

ANALYTICAL SPECIFICATION

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Edition no: 0606AE

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Supersedes: 0602AD

Valid from: 05-2024

Blue dextran 10
Catalogue No. BD10

Description: Blue dextran 10 is prepared from dextran with an average molecular weight of approximately 10000 Dalton by reacting with Cibacron blue F3GA. It is supplied as a blue powder, soluble in water.

CAS No. 87915-38-6

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	Blue to dark blue	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	8500-12000	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
