

ANALYTICAL SPECIFICATION

Tentative

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Lysine-dextran 20 kDa

Catalogue No. LD20

Description: A Lysine derivative of a dextran with a weight average molecular weight of approximately 20000. Supplied as a white to off white powder which is readily soluble in water.

TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	White to off white	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	15000–25000	02030
Number average molecular weight (Mn)	To be noted	02030
Degree of substitution	> 0.001	02041
Specific optical rotation	To be noted	02008
pH	5.0–8.0	02009
Free lysine	Pass	02042
Loss on drying	≤ 10%	02018