

# ANALYTICAL SPECIFICATION

Tentative

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## Lysine-dextran 4 kDa

Catalogue No. LD4

**Description:** A Lysine derivative of a dextran with a weight average molecular weight of approximately 4000. 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)	2000-6000	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