

# ANALYTICAL SPECIFICATION

Tentative

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**Approved by:** Charlotte de B Tesséus

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**Lysine-dextran 500**  
Catalogue No. LD500

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**Description:** A Lysine derivative of a dextran with a weight average molecular weight of approximately 500000. Supplied as a white to off white powder which is readily soluble in water.

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TEST/CHARACTERISTIC	LIMITS	TEST METHOD
Appearance, colour	White to off white	02037
Appearance, form	Powder	02037
Weight average molecular weight (Mw)	400000-700000	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

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