

ANALYTICAL SPECIFICATION

Tentative

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Lysine-dextran 20
 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 |
