

# ANALYTICAL SPECIFICATION

*TENTATIVE*

**Issued by:** G. Jandikova

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**Approved by:** Ch. de Belder Tesséus

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## **Dextran sulfate 8 LS**

Catalogue No. DB007

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**Description:** A polyanionic derivative of dextran with a weight average molecular weight of approximately 8000. Supplied as the sodium salt 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) | 6500-9000          | 02030       |
| Number average molecular weight (Mn) | To be noted        | 02030       |
| Sulphur content                      | 8-13 %             | 02011       |
| pH                                   | 5.0-7.5            | 02009       |
| Free sulfates                        | ≤ 2%               | 02013       |
| Loss on drying                       | ≤ 10%              | 02018       |

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