

## Certificate of Analysis

Date of Testing: 2023-06-16 14:37:42

Date of Next Testing: 2027-06-15 14:37:42

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: F2310754

SKU #: **D491699**

**Analysis:** **242746**

Storage Temperature: Argon charged

| Parameter                             | Limit Values              | Result                    |
|---------------------------------------|---------------------------|---------------------------|
| Bacterial endotoxins                  | 0-25 (EU/g)               | 24.90 EU/g                |
| Loss on Drying(105°C,5h)              | 0-7 (%)                   | 3.40 %                    |
| Average Molecular Weight              | 22500-27500               | 23540.00                  |
| Specific Rotation [α] <sub>20/D</sub> | 191-201 (°)               | 197.00 °                  |
| Heavy metal (as Pb)                   | 0-10 (ppm)                | 6.00 ppm                  |
| Microbial contamination               | 0-100 (cfu/g)             | 99.98 cfu/g               |
| Nitrogen by Elemental Analysis        | 0-110 (ppm)               | 7.00 ppm                  |
| Sulfate Ash                           | 0-0.3 (%)                 | 0.02 %                    |
| Appearance(D491699-25k)               | White to Off-White Powder | White to Off-White Powder |



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