

## Certificate of Analysis

Date of Testing: 2023-05-22 16:55:34

Date of Next Testing: 2027-05-21 16:55:34

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity:

Lot #: E2318233

SKU #: **D491699**

Version: **1**

Analysis #: **226420**

Storage Temperature: Argon charged

| Parameter                             | Limit Values               | Result                    |
|---------------------------------------|----------------------------|---------------------------|
| Sulfate Ash                           | 0-0.3 (%)                  | 0.00 %                    |
| Nitrogen by Elemental Analysis        | 0-110 (ppm)                | 40.00 ppm                 |
| Microbial contamination               | 0-100 (cfu/g)              | 99.90 cfu/g               |
| Heavy metal (as Pb)                   | 0-10 (ppm)                 | 2.00 ppm                  |
| Average Molecular Weight              | 100000-120000              | 116442.00                 |
| Specific Rotation [α] <sub>20/D</sub> | 195-201 (°)                | 199.00 °                  |
| Loss on Drying(105°C,5h)              | 0-7 (%)                    | 3.20 %                    |
| Bacterial endotoxins                  | 0-0.025 (IU/mg OR I.U./mg) | 0.02 IU/mg OR I.U./mg     |
| Appearance(D491699-110k)              | White to Off-White Powder  | White to Off-White Powder |



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