

## Certificate of Analysis

Date of Testing: 2023-05-20 17:22:57

Date of Next Testing: 2028-05-18 17:22:57

Product Name: **Dextran**

CAS Number: 9004-54-0

Specifications & Purity: Premium

Lot #: E2317319

SKU #: **D490149**

**Analysis:** **226248**

Storage Temperature: Desiccated

| Parameter                                            | Limit Values                 | Result                       |
|------------------------------------------------------|------------------------------|------------------------------|
| Average molecular mass, Mw (laser)                   | 5000–7000                    | 6524.00000                   |
| Loss on drying(105°C, 5h)                            | 0-7 (%)                      | 3.00 %                       |
| Color of solution(Absorbance at 375 nm,10% sol,1 cm) | ≤0.05 (%)                    | 0.01000 %                    |
| Specific Rotation [α] <sub>20/D</sub>                | 189-199 (°)                  | 190.00 °                     |
| Nitrogen containing impurities                       | ≤100 (ppm)                   | 20.00000 ppm                 |
| Appearance(D490149-6000)                             | White or almost white powder | White or almost white powder |
| Acidity or alkalinity                                | passes test                  | Pass                         |



John Su  
QA & QC Manager