

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-07-30 17:20:36  
 Date of Next Testing: 2031-07-29 17:20:36  
 Product Name: **Dextran**  
 CAS Number: 9004-54-0  
 Specifications & Purity: Premium pure  
 Lot #: G2622252  
 SKU #: **D490149**  
 Version: **1**  
 Analysis #: **738739**  
 Storage Temperature: Room temperature, Argon charged, Desiccated

| Parameter                             | Limit Values  | Result       |
|---------------------------------------|---------------|--------------|
| average molecular mass                | 135000-165000 | 147369.00000 |
| Loss on drying(105°C, 5h)             | 0-7 (%)       | 3.90000 %    |
| Absorbance at 375nm, 10% sol., 1 cm   | 0-0.05        | 0.03600      |
| pH(25°C, 1% in 1M NaCl)               | 4.5-7.0       | 6.30000      |
| Specific Rotation [α] <sub>20/D</sub> | 195-201 (°)   | 196.61000 °  |
| Nitrogen containing impurities        | ≤100 (ppm)    | 0.00000 ppm  |
| Appearance(D490149-150K)              | White Powder  | White powder |



John Su  
QA & QC Manager