

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-27 15:55:00

Date of Next Testing: 2028-01-26 15:55:00

Product Name: **dextran sulfates**

CAS Number: 9011-18-1

Specifications &amp; Purity:

Lot #: A2420167

SKU #: **D491663****Analysis: 285781**

| Parameter  | Limit Values              | Result                    |
|--|---------------------------|---------------------------|
| Average Molecular Weight                                       | 9000-18000                | 9087.00                   |
| Loss on drying   | 0-10 (%)                  | 1.00 %                    |
| Sulfur(S)  | 8-13 (%)                  | 10.00 %                   |
| Free sulfates  | 0-2 (%)                   | 1.82000 %                 |
| Specific optical rotation(6% solution of the dextran in water) | 90-140 (°)                | 129.00000 °               |
| pH(25°C, 1% in 1M NaCl)  | 5.0-7.5                   | 6.40000                   |
| Appearance(D491663-10kDaLS)                                    | White to off-white Powder | White to Off-White Powder |

John Su  
QA & QC Manager