

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-06-07 10:14:22

Date of Next Testing: 2029-06-06 10:14:22

Product Name: **Dextran sulfate sodium salt(DSS)**

CAS Number: 9011-18-1

Specifications & Purity:

Lot #: E2529022

SKU #: **D491166**

Version: **1**

Analysis #: **521684**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                                                       | Limit Values    | Result        |
|-----------------------------------------------------------------|-----------------|---------------|
| Specific Rotation [α] <sub>20/D</sub> (c=6 in H <sub>2</sub> O) | 85-110 (°)      | 100.50000 °   |
| pH( 1% solution in 1M NaCl)                                     | 5-7.5           | 6.80000       |
| Molecular Weight                                                | 1800000-3000000 | 2000000.00000 |
| Loss on drying(105°C constant weight)                           | 0-10 (%)        | 3.90000 %     |
| Free sulfates                                                   | ≤ 2 (%)         | 2.00000 %     |
| Sulfur content                                                  | 16-20 (%)       | 16.72000 %    |
| Appearance(White to off white Powder)                           | pass            | Pass          |



John Su  
QA & QC Manager