

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-09-17 12:01:43  
Date of Next Testing: 2030-09-16 12:01:43  
Product Name: **dextran sulfates(DSS)**  
CAS Number: 9011-18-1  
Grades & Purity:  
Lot #: I2614662  
SKU #: **D491663**  
Version: **1**  
Analysis #: **764063**  
Storage Temperature: Room temperature

| Parameter                                                      | Limit Values              | Result                    |
|----------------------------------------------------------------|---------------------------|---------------------------|
| Loss on drying                                                 | 0-10 (%)                  | 5.20000 %                 |
| Sulfur(S)                                                      | 16-20 (%)                 | 17.70000 %                |
| pH(25°C, 1% in 1M NaCl)                                        | 5.0-7.5                   | 6.90000                   |
| Free sulfates                                                  | 0-2 (%)                   | 0.10000 %                 |
| Specific optical rotation(6% solution of the dextran in water) | 75-115 (°)                | 105.50000 °               |
| Average Molecular Weight                                       | 500000-800000 (Da)        | 500000.00000 Da           |
| Appearance(D491663-500kDaHS)                                   | White to off-white Powder | White to Off-White Powder |



John Su  
QA & QC Manager