

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-01-29 14:18:34

Date of Next Testing: 2028-01-28 14:18:34

Product Name: **Q-dextran**

CAS Number:

Specifications & Purity:

Lot #: A2424459

SKU #: **Q491389**

Version: **1**

Analysis #: **285729**

Storage Temperature: Room temperature

| Parameter                         | Limit Values                                         | Result                                               |
|-----------------------------------|------------------------------------------------------|------------------------------------------------------|
| Average Molecular Weight          | 65000-80000                                          | 65730.00000                                          |
| Specific optical rotation<br>D/20 | 135-155 (°)                                          | 143.00000 °                                          |
| Nitrogen content                  | 1.5-2.5 (%)                                          | 2.00000 %                                            |
| Loss on drying                    | 0-10 (%)                                             | 3.00000 %                                            |
| pH(25°C, 1% in 1M NaCl)           | 5-7                                                  | 5.80000                                              |
| Appearance(Q491389-<br>70kDa)     | White to off-white Powder or crystals or<br>granules | White to off-white Powder or crystals or<br>granules |



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QA & QC Manager