

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-04-17 13:25:21

Date of Next Testing: 2029-04-16 13:25:21

Product Name: **Q-dextran**

CAS Number:

Specifications & Purity: 10 kDa

Lot #: C2527124

SKU #: **Q292454**

Version: **1**

**Analysis #:** **154151**

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

| Parameter                                                      | Limit Values                                      | Result                                            |
|----------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Nitrogen content                                               | 1.5-2.5 (%)                                       | 1.70000 %                                         |
| pH(25°C, 1% in 1M NaCl)                                        | 5-7                                               | 5.70000                                           |
| Specific optical rotation(6% solution of the dextran in water) | 130-150 (°)                                       | 142.00000 °                                       |
| Loss on drying                                                 | ≤10(%)                                            | 1.00000 %                                         |
| Average Molecular Weight                                       | 7000-13000                                        | 7334.00000                                        |
| Appearance(Q292454)                                            | White to off white Powder or crystals or granules | White to off-white Powder or crystals or granules |



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QA & QC Manager