



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-31 13:43:26

Date of Next Testing: 2029-03-30 13:43:26

Product Name: **Sephadex® G-100**

CAS Number: 9050-94-6

Specifications & Purity: BioReagent, DNA grade, Suitable for molecular biology, medium

Lot #: C2630573

SKU #: **S665608**

Version: **2**

Analysis #: **674404**

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

| Parameter                                                            | Limit Values  | Result        |
|----------------------------------------------------------------------|---------------|---------------|
| Particle size distribution, Dry beads(Volume share within 40-120 µm) | ≥ 80 (%)      | 93.00000 %    |
| Flow rate(Umax)                                                      | ≥40 (cm/h)    | 64.00000 cm/h |
| Kav(Function test; Fractionation of Bovine Serum Albumin)            | 0.12-0.22 (%) | 0.16000 %     |
| Kav(Function test; Fractionation of Ovalbumin)                       | 0.21-0.31 (%) | 0.28000 %     |
| Kav(Function test; Fractionation of Ribonuclease A)                  | 0.5-0.6 (%)   | 0.56000 %     |
| Water regain                                                         | 9-11 (mL/g)   | 10.10000 ml/g |
| Loss on drying                                                       | 0-10 (%)      | 10.00000 %    |
| Recovery of DNA                                                      | ≥90 (%)       | 97.00000 %    |
| Pressure/flow specifications: 0.096 bar                              | Pass          | Pass          |

John Su  
QA & QC Manager