

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-16 13:39:17

Date of Next Testing: 2028-09-15 13:39:17

Product Name: **poly(N-Isopropylacrylamide) (PNIPAm)**

CAS Number: 25189-55-3

Specifications & Purity:

Lot #: I2503641

SKU #: **P767389**

Version: **1**

Analysis #: **528121**

| Parameter                                       | Limit Values          | Result                |
|-------------------------------------------------|-----------------------|-----------------------|
| Average molecular weight                        | 81-99 (kDa)           | 87.40000 kDa          |
| Appearance(White to pale yellow powder , solid) | pass                  | Pass                  |
| NMR Spectrum 1H                                 | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager