

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-19 15:38:18

Date of Next Testing: 2028-08-18 15:38:18

Product Name: Poly[(9,9-dioctylfluorenyl-2,7-diyl)-co-(4,4'-(N-(4-sec-butylphenyl)diphenylamine)]

CAS Number: 220797-16-0

Specifications & Purity: average Mn  $\geq$  30000 (GPC)

Lot #: H2518510

SKU #: P290002

Version: 1

Analysis #: 548009

Storage Temperature: Room temperature

| Parameter             | Limit Values                                 | Result                                       |
|-----------------------|----------------------------------------------|----------------------------------------------|
| Molecular Weight(GPC) | $\geq$ 30000                                 | 30015.63000                                  |
| Appearance(P290002)   | Light Yellow to Dark Yellow Powder or Fibers | Light Yellow to Dark Yellow Powder or Fibers |
| NMR Spectrum 1H       | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager