

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-14 16:41:58

Date of Next Testing: 2026-03-13 16:41:58

Product Name: Poly[(9,9-dioctylfluorenyl-2,7-diyl)-alt-(4,4'-(N-(4-butylphenyl))

CAS Number: 223569-31-1

Specifications & Purity: Mn 20,000~4,000 by GPC

Lot #: C2304430

SKU #: P293105

Version: 1

Analysis #: 148958

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Molecular Number by GPC	20000-40000	31000.00000
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager