

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-07 18:50:05

Date of Next Testing: 2028-04-06 18:50:05

Product Name: Poly[(N,N'-bis(4-butylphenyl)-N,N'-diphenyl-1,4-benzenediamine)-alt-(9,9-dioctylfluorene-2,7-diyl)]

CAS Number: 223569-28-6

Specifications & Purity: Mw 10,000-100,000 by GPC

Lot #: C2528043

SKU #: P293102

Version: 1

Analysis #: 148941

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Molecular Weight(GPC)	10000-100000	10000.00000
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager