

Certificate of Analysis

Date of Testing: 2023-03-06 18:56:11

Date of Next Testing: 2026-03-05 18:56:11

Product Name: **N,N'-Bis(naphthalen-1-yl)-N,N'-bis(phenyl)-2,7-diamino-9,9-diphenyl-fluorene**

CAS Number: 357645-40-0

Specifications & Purity: $\geq 98\%$

Lot #: C2301786

SKU #: **N289978**

Version **1**

Analysis #: **182964**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.87700 %
Melting point	237-241 (°C)	239.57000 °C
Appearance(N289978)	White to Light yellow to Green powder to crystal	white to light yellow to green powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager