

Certificate of Analysis

Date of Testing: 2023-04-08 17:48:42

Date of Next Testing: 2026-04-07 17:48:42

Product Name: **Poly[N-(1-octylnonyl)-9H-carbazole-2,7-diyl]**

CAS Number: 1093292-01-3

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

Lot #: C2327219

SKU #: **P293096**

Analysis: **181013**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Molecular Weight(GPC)	10000-100000	20000.00
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager