

Certificate of Analysis

Date of Testing: 2023-09-04 17:03:14

Date of Next Testing: 2025-09-03 17:03:14

Product Name: **Poly[2-methoxy-5-(3',7'-dimethyloctyloxy)-1,4-phenylenevinylene]**

CAS Number: 177716-59-5

Specifications & Purity: light-emitting polymer

Lot #: B2019084

SKU #: **M131802**

Analysis: **271178**

Parameter	Limit Values	Result
Appearance (M131802)	red powder	red powder
Fluorescence, λ_{ex} 485 nm ~ λ_{em} 555 nm (in toluene)	Conforms	Conforms
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene, Clear to Slightly Hazy, C = 0.02 mg/ml	pass	Pass



John Su
QA & QC Manager