

Certificate of Analysis

Date of Testing: 2024-11-02 12:41:48

Date of Next Testing: 2027-11-02 12:41:48

Product Name: **Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate)**

CAS Number: 155090-83-8

Specifications & Purity: 1.1% in H₂O, surfactant-free, high-conductivity grade

Lot #: K2401040

SKU #: **P475427**

Version: **1**

Analysis #: **291272**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
PH	1.5-2.5	1.92
Viscosity(20°C)	30-100(mPa.s)	60.00000 mPa·S
Surface Resistance(ohm/sq)(by addition of 5% DEG)	≤ 90	61.00000
Solid content(w/v)	1-1.2 (%)	1.10 %
NMR Spectrum 1H	Conforms to structure	Conforms to Structure
Appearance(P475427)	Dark Blue to Very Dark Blue Liquid	Dark Blue to Very Dark Blue Liquid



John Su
QA & QC Manager