

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-09 15:54:39  
 Date of Next Testing: 2029-03-08 15:54:39  
 Product Name: **Poly(3,4-ethylenedioxythiophene)-poly(styrenesulfonate) (PEDOT:PSS)**  
 CAS Number: 155090-83-8  
 Specifications & Purity: 1.1% in H<sub>2</sub>O, surfactant-free, high-conductivity grade  
 Lot #: C2606655  
 SKU #: **P475427**  
 Version: **2**  
 Analysis #: **663779**  
 Storage Temperature: Store at 2-8°C

| Parameter                                         | Limit Values              | Result                    |
|---------------------------------------------------|---------------------------|---------------------------|
| pH                                                | 1.5-2.5                   | 1.91000                   |
| Viscosity(20°C)                                   | 30-100(mPa.s)             | 44.91000 mPa·S            |
| Surface Resistance(ohm/sq)(by addition of 5% DEG) | ≤90                       | 60.00000                  |
| Nonvolatile matter. 130°C                         | 1.15 -1.25 (%)            | 1.20000 %                 |
| Appearance(P475427)                               | Dark blue to black liquid | Dark blue to black liquid |
| NMR Spectrum 1H                                   | Conforms to structure     | Conforms to Structure     |



John Su  
QA & QC Manager