

## Certificate of Analysis

Date of Testing: 2024-08-12 11:07:54

Date of Next Testing: 2027-08-12 11:07:54

Product Name: **2,2'-Bithiophene**

CAS Number: 492-97-7

Specifications & Purity:  $\geq 98\%$

Lot #: H2401009

SKU #: **B100722**

Version: **0**

Analysis #: **159473**

Storage Temperature: Protected from light, Argon charged

| Parameter            | Limit Values                                          | Result                                                |
|----------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(GC)           | 98-100 (%)                                            | 99.50 %                                               |
| Melting point        | 30-35 (°C)                                            | 32.20000 °C                                           |
| Appearance (B100722) | White, Yellow to Brown-Green to blue<br>Liquid, Solid | White, Yellow to Brown-Green to blue<br>Liquid, Solid |
| Proton NMR spectrum  | Conforms to Structure                                 | Conforms to Structure                                 |



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