

## Certificate of Analysis

Date of Testing: 2022-08-29 11:52:39

Date of Next Testing: 2026-08-28 11:52:39

Product Name: **3-Cyanothiophene**

CAS Number: 1641-09-4

Specifications & Purity: >98.0%(GC)

Lot #: J1824071

SKU #: **C153346**

**Analysis:** **125306**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.56-1.565                       | 1.56                             |
| Purity(GC)                          | 98-100 (%)                       | 98.33 %                          |
| Appearance (C153346)                | Colorless to light yellow liquid | Colorless to light yellow liquid |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |

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

John Su  
QA & QC Manager