

## Certificate of Analysis

Date of Testing: 2025-06-18 13:58:57

Date of Next Testing: 2027-06-08 13:58:57

Product Name: **Toluene-3,4-dithiol**

CAS Number: 496-74-2

Specifications & Purity:  $\geq 97\%$

Lot #: K2125311

SKU #: **T113451**

Version: **0**

Analysis #: **526455**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                              | Limit Values                                                | Result                                                      |
|--------------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| Melting point                                          | 28-32 (°C)                                                  | 31.58600 °C                                                 |
| Purity(GC)                                             | 97-100 (%)                                                  | 98.09 %                                                     |
| Purity(Iodometric Titration)                           | 97-102.5 (%)                                                | 99.62 %                                                     |
| Appearance (T113451)                                   | White to Yellow Crystals, Flakes, Powder or Solid or liquid | White to Yellow Crystals, Flakes, Powder or Solid or liquid |
| Infrared spectrum                                      | Conforms to Structure                                       | Conforms to Structure                                       |
| Sensitiveness test                                     | pass                                                        | Pass                                                        |
| Solubility in 1M NaOH , Colorless, clear, 0.1g in 10ml | Colorless, Clear, 0.1g in 10ml                              | Colorless, Clear, 0.1g in 10ml                              |



John Su  
QA & QC Manager