

## Certificate of Analysis

Date of Testing: 2025-03-10 10:20:03

Date of Next Testing: 2027-02-28 10:20:03

Product Name: **Trioctylphosphine oxide**

CAS Number: 78-50-2

Specifications & Purity:  $\geq 98\%$

Lot #: I2110315

SKU #: **T106624**

Version: **0**

Analysis #: **479629**

Storage Temperature: Store at 2-8°C

| Parameter                                                                          | Limit Values                                 | Result                                       |
|------------------------------------------------------------------------------------|----------------------------------------------|----------------------------------------------|
| Carbon by Elemental Analysis                                                       | 72.5-75.7 (%)                                | 73.60%                                       |
| Melting point                                                                      | 50-55 (°C)                                   | 52.59700 °C                                  |
| Purity(GC)                                                                         | 98-100 (%)                                   | 98.51%                                       |
| Appearance (T106624)                                                               | white powder, crystals, flakes and/or chunks | white powder, crystals, flakes and/or chunks |
| Infrared spectrum                                                                  | Conforms to Structure                        | Conforms to Structure                        |
| Solubility in CHCL <sub>3</sub> , Colorless, Clear to Slightly Hazy , c = 100mg/ml | pass                                         | Pass                                         |



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