

## Certificate of Analysis

Date of Testing: 2024-05-29 11:54:40

Date of Next Testing: 2026-05-19 11:54:40

Product Name: **Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide**

CAS Number: 75980-60-8

Specifications & Purity: 97%

Lot #: E2420410

SKU #: **T107643**

Version: **0**

Analysis #: **349210**

| Parameter                    | Limit Values                                    | Result                                          |
|------------------------------|-------------------------------------------------|-------------------------------------------------|
| Purity(HPLC)                 | 97-100 (%)                                      | 99.73900 %                                      |
| Carbon by Elemental Analysis | 73.2-78.5 (%)                                   | 76.66 %                                         |
| Melting point                | 91-95 (°C)                                      | 94.26000 °C                                     |
| Appearance (T107643)         | white to yellow powder, crystals, and/or chunks | white to yellow powder, crystals, and/or chunks |
| Infrared spectrum            | Conforms to Structure                           | Conforms to Structure                           |
| Proton NMR spectrum          | Conforms to Structure                           | Conforms to Structure                           |



John Su  
QA & QC Manager