

## Certificate of Analysis

Date of Testing: 2024-09-23 15:58:21

Date of Next Testing: 2028-09-22 15:58:21

Product Name: **Bis(2,4,6-trichlorophenyl) oxalate**

CAS Number: 1165-91-9

Specifications & Purity: for chemiluminescence,  $\geq 99.0\%$  (AT)

Lot #: I2418113

SKU # **B121486**

Version **0**

Analysis #: **135351**

Storage Temperature: Protected from light, Argon charged

| Parameter                                        | Limit Values          | Result                |
|--------------------------------------------------|-----------------------|-----------------------|
| Melting point                                    | 188-192 (°C)          | 191.98000 °C          |
| Purity(O2 AgNO3 titration with after combustion) | 98.5-101.5 (%)        | 99.01 %               |
| Chemiluminescence test                           | pass test             | pass test             |
| Fluorescence, $\lambda_{em}$ 430 nm              | Conforms              | Conforms              |
| Infrared spectrum                                | Conforms to Structure | Conforms to Structure |
| Solubility in hot Toluene                        | almost transparency   | almost transparency   |
| Carbon NMR Spectrum                              | Conforms to Structure | Conforms to Structure |



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