

Certificate of Analysis

Date of Testing: 2022-11-24 08:49:21

Date of Next Testing: 2026-11-23 08:49:21

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

CAS Number: 1165-91-9

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

Lot #: K2221064

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(O ₂ AgNO ₃ titration with after combustion)	98.5-101.5 (%)	99.01 %
Chemiluminescence test	pass test	pass test
Fluorescence, λ_{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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