

Certificate of Analysis

Date of Testing: 2022-02-16 17:01:12

Date of Next Testing: 2026-02-15 17:01:12

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

CAS Number: 1165-91-9

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

Lot #: B2211125

SKU #: **B121486**

Analysis: **056669**

Storage Temperature: Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	188-192 (°C)	191.74000 °C
Purity(O ₂ AgNO ₃ titration with after combustion)	98.5-101.5 (%)	99.84 %
Carbon NMR Spectrum	Conforms to Structure	Conforms to Structure
Chemiluminescence test	pass test	pass test
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot Toluene	almost transparency	almost transparency
Fluorescence, λ_{em} 430 nm	Conforms	Conforms



John Su
QA & QC Manager