

## Certificate of Analysis

Date of Testing: 2022-06-23 11:03:19  
Date of Next Testing: 2026-06-22 11:03:19  
Product Name: **O-Phenyl chlorothionoformate**  
CAS Number: 1005-56-7  
Specifications & Purity: 98%  
Lot #: F2218459  
SKU #: **P119482**  
**Analysis:** **105130**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(O2 AgNO3 titration with after combustion)	98.5-101.5 (%)	99.90%
Purity(GC)	98-100 (%)	98.07%
Refractive index n20/D	1.58-1.583	1.58
Density (20°C)	1.276-1.279	1.28
Appearance (P119482)	Clear Yellow TO Yellow-Green Liquid	Clear Yellow TO Yellow-Green Liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager