

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-10 10:50:46  
Date of Next Testing: 2028-12-09 10:50:46  
Product Name: **O-Phenyl chlorothionoformate**  
CAS Number: 1005-56-7  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2110024  
SKU #: **P119482**  
Version: **0**  
Analysis #: **446050**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(O <sub>2</sub> AgNO <sub>3</sub> titration with after combustion)	98.5-101.5 (%)	98.50%
Purity(GC)	98-100 (%)	98.10%
Refractive index n <sub>20</sub> /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