

## Certificate of Analysis

Date of Testing: 2023-07-25 13:50:13  
Date of Next Testing: 2027-07-24 13:50:13  
Product Name: **Diphenyl phosphoryl chloride**  
CAS Number: 2524-64-3  
Specifications & Purity: 97%  
Lot #: G2319344  
SKU #: **D109475**  
**Analysis:** **193984**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.295-1.308	1.30
Refractive index n <sub>20</sub> /D	1.548-1.552	1.55
Purity(GC)	97-100 (%)	98.48%
Appearance (D109475)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager