

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-19 15:07:32  
Date of Next Testing: 2025-12-08 15:07:32  
Product Name: **Phenyl acetyl chloride**  
CAS Number: 103-80-0  
Specifications & Purity:  $\geq 98\%$   
Lot #: C2205523  
SKU #: **P109202**  
Version: **1**  
Analysis #: **306287**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.166-1.17	1.16800
Purity(GC)	98-100 (%)	98.69800 %
corresponding carboxylic acid(T)	0-2 (%)	1.06500 %
Refractive index n <sub>20</sub> /D	1.5305-1.5345	1.53260
Appearance (P109202)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager