

## Certificate of Analysis

Date of Testing: 2022-05-12 11:53:11  
Date of Next Testing: 2023-11-03 11:53:11  
Product Name: **Benzyl chloroformate**  
CAS Number: 501-53-1  
Specifications & Purity: 96%,contains 0.1% sodium carbonate as stabilizer  
Lot #: E2211019  
SKU #: **B105737**  
Version: **0**  
Analysis #: **078403**  
Storage Temperature: Store at -20°C,Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.516-1.52	1.52
Density (20°C)	1.211-1.215	1.21
Purity(HPLC)	96-100 (%)	96.02000 %
Appearance (B105737)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Stabilizer (0.1% Na <sub>2</sub> CO <sub>3</sub> )	Conforms	Conforms



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QA & QC Manager