

## Certificate of Analysis

Date of Testing: 2022-02-21 11:01:38  
Date of Next Testing: 2026-02-20 11:01:38  
Product Name: **4-Nitrobenzyl chloroformate**  
CAS Number: 4457-32-3  
Specifications & Purity: 97%  
Lot #: D1823093  
SKU #: **N111115**  
**Analysis:** **075956**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Melting point	31-36 (°C)	34.94000 °C
Purity (Argentometric Titration)	96.5-103.5 (%)	97.48 %
Appearance (N111115)	White to yellow to tan solid	White to yellow to tan solid
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Toluene	almost transparency	almost transparency



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QA & QC Manager