

## Certificate of Analysis

Date of Testing: 2023-12-28 10:29:43  
Date of Next Testing: 2025-12-17 10:29:43  
Product Name: **Hexanoyl chloride**  
CAS Number: 142-61-0  
Specifications & Purity: 98%  
Lot #: C2204322  
SKU #: **H102419**  
**Analysis:** **302875**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO <sub>3</sub> )	98-100 (%)	98.69 %
Density (20°C)	0.975-0.979	0.98
Purity(GC)	98-100 (%)	99.29 %
Refractive index n <sub>20</sub> /D	1.425-1.427	1.43
Appearance (H102419)	Colorless to light yellow liquid	Colorless to light yellow liquid
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager