

## Certificate of Analysis

Date of Testing: 2022-11-03 15:49:42  
Date of Next Testing: 2024-10-23 15:49:42  
Product Name: **Propionyl chloride**  
CAS Number: 79-03-8  
Specifications & Purity: 98%  
Lot #: J2228060  
SKU #: **P108665**  
**Analysis:** **145961**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.057-1.063	1.06
Refractive index n <sub>20</sub> /D	1.402-1.406	1.40
Purity(GC)	98-100 (%)	99.77 %
Appearance (P108665)	Colorless liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager