

## Certificate of Analysis

Date of Testing: 2023-05-11 14:02:20  
Date of Next Testing: 2025-04-30 14:02:20  
Product Name: **Propargyl chloride**  
CAS Number: 624-65-7  
Specifications & Purity: 99%  
Lot #: H2111325  
SKU #: **P111454**  
Analysis: **221911**

| Parameter                           | Limit Values               | Result                     |
|-------------------------------------|----------------------------|----------------------------|
| Refractive index n <sub>20</sub> /D | 1.433-1.437                | 1.44                       |
| Purity(GC)                          | 99-100 (%)                 | 99.45 %                    |
| Density (20°C)                      | 1.035-1.04                 | 1.04                       |
| Appearance (P111454)                | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Infrared spectrum                   | Conforms to Structure      | Conforms to Structure      |



John Su  
QA & QC Manager