

## Certificate of Analysis

Date of Testing: 2023-04-13 09:22:57

Date of Next Testing: 2027-04-12 09:22:57

Product Name: **2,5-Dichlorobenzoyl Chloride**

CAS Number: 2905-61-5

Specifications & Purity:  $\geq 98.0\%$

Lot #: C2330053

SKU #: **D154501**

**Analysis:** **199608**

Storage Temperature: Argon charged

| Parameter                       | Limit Values                                                                | Result                                                                      |
|---------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| Purity(GC)                      | 98-100 (%)                                                                  | 98.78 %                                                                     |
| Purity (Argentmetric Titration) | 97.5-102.5 (%)                                                              | 101.85 %                                                                    |
| Proton NMR spectrum             | Conforms to Structure                                                       | Conforms to Structure                                                       |
| Appearance(D154501)             | White or Colorless to Light orange to Yellow powder to lump to clear liquid | White or Colorless to Light orange to Yellow powder to lump to clear liquid |



John Su  
QA & QC Manager