

## Certificate of Analysis

Date of Testing: 2023-07-31 13:52:51

Date of Next Testing: 2025-07-30 13:52:51

Product Name: **Dodecanedioyl Dichloride**

CAS Number: 4834-98-4

Specifications & Purity: >98.0%(GC)

Lot #: J2126641

SKU #: **D154502**

**Analysis:** **257510**

Storage Temperature: Argon charged

| Parameter                           | Limit Values                                                    | Result                                                          |
|-------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------|
| Purity(GC)                          | 98-100 (%)                                                      | 99.11 %                                                         |
| Refractive index n <sub>20</sub> /D | 1.466-1.47                                                      | 1.47                                                            |
| Purity (Argentmetric Titration)     | 97.5-102.5 (%)                                                  | 98.26 %                                                         |
| Density (20°C)                      | 1.081-1.085                                                     | 1.08                                                            |
| Proton NMR spectrum                 | Conforms to Structure                                           | Conforms to Structure                                           |
| Appearance(D154502)                 | Colorless to Light yellow to Light orange to brown clear liquid | Colorless to Light yellow to Light orange to brown clear liquid |



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