

## Certificate of Analysis

Date of Testing: 2025-02-14 08:54:18

Date of Next Testing: 2027-02-14 08:54:18

Product Name: (R)-(+)-4-(Chloromethyl)-2,2-dimethyl-1,3-dioxolane

CAS Number: 57044-24-3

Specifications & Purity:  $\geq 98\%$ (GC)

Lot #: D23261167

SKU #: R139009

Version: 0

Analysis #: 471749

Storage Temperature: Argon charged

| Parameter                                       | Limit Values               | Result                     |
|-------------------------------------------------|----------------------------|----------------------------|
| Specific Rotation [a] <sub>D</sub> 20/D(c=Neat) | 40-48 (°)                  | 40.00°                     |
| Purity(GC)                                      | 98-100 (%)                 | 98.60%                     |
| Appearance (R139009)                            | Colorless to Yellow Liquid | Colorless to Yellow Liquid |
| Proton NMR spectrum                             | Conforms to Structure      | Conforms to Structure      |



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