

## Certificate of Analysis

Date of Testing: 2024-07-25 13:17:02

Date of Next Testing: 2027-07-25 13:17:02

Product Name: **Potassium (S)-oxirane-2-carboxylate**

CAS Number: 82079-45-6

Specifications & Purity:  $\geq 97\%$

Lot #: G2417710

SKU #: **P590255**

Version: **1**

Analysis #: **334540**

Storage Temperature: Store at -20°C, Argon charged

| Parameter                                                        | Limit Values          | Result                |
|------------------------------------------------------------------|-----------------------|-----------------------|
| Purity(HPLC area)                                                | 97-100 (%)            | 97.01 %               |
| Specific Rotation $[\alpha]_{25/D}(c=20 \text{ in H}_2\text{O})$ | -33~-28 (°)           | -32.95 °              |
| NMR Spectrum 1H                                                  | Conforms to structure | Conforms to Structure |
| ICP: Confirms Potassium Component                                | Confirmed             | Confirmed             |
| LC-MS for identification                                         | Conforms              | Conforms              |



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