

Certificate of Analysis

Date of Testing: 2024-07-25 10:49:27

Date of Next Testing: 2027-07-25 10:49:27

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

CAS Number: 82079-45-6

Specifications & Purity: $\geq 97\%$

Lot #: G2417709

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



John Su
QA & QC Manager