

Certificate of Analysis

Date of Testing: 2025-05-23 15:44:00

Date of Next Testing: 2028-05-22 15:44:00

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

CAS Number: 82079-45-6

Specifications & Purity: $\geq 97\%$

Lot #: E2517067

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 ($^{\circ}$)	-32.95 $^{\circ}$
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