

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-31 13:18:54
 Date of Next Testing: 2029-01-30 13:18:54
 Product Name: (R)-(-)-2,2-Dimethyl-5-oxo-1,3-dioxolane-4-acetic acid
 CAS Number: 113278-68-5
 Specifications & Purity: ≥95%
 Lot #: D2311691
 SKU #: R467050
 Version: 3
 Analysis #: 645328
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Specific Rotation [α] ₂₀ /D(c=1 in CHCL ₃)	-6.5--3.5 (°)	-4.35000 °
Carbon by Elemental Analysis	45.62-50.93 (%)	47.72000 %
Hydrogen by Elemental Analysis	5.48-6.11 (%)	5.73000 %
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
Appearance(R467050)	White Powder or Crystals	White Powder or Crystals



John Su
QA & QC Manager