

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-06-14 10:53:13

Date of Next Testing: 2027-06-13 10:53:13

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

CAS Number: 70005-89-9

Specifications & Purity: $\geq 94\%$ (GC)

Lot #: F2306288

SKU #: R160923

Version: 0

Analysis #: 241441

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.437-1.441	1.43980
Purity(GC)	94-100 (%)	97.87100 %
Specific Rotation [α] ₂₀ /D(c=3.5 in EtOH)	-1.3--0.3 (°)	-0.83000 °
Appearance (R160923)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager