

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-24 15:02:26
 Date of Next Testing: 2027-12-24 15:02:26
 Product Name: **Ethyl trans-4-oxo-2-butenate**
 CAS Number: 2960-66-9
 Specifications & Purity: $\geq 96\%$
 Lot #: L2416510
 SKU #: **E189100**
 Version: **0**
 Analysis #: **454032**
 Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.451-1.457	1.45400
Purity(GC)	96-100 (%)	96.20100 %
Appearance (E189100)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager