QualityAssurance@aladdinsci.com

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2022-08-16 09:25:26
Date of Next Testing:	2024-08-15 09:25:26
Product Name:	**Methyl D-(+)-Lactate**
CAS Number:	17392-83-5
Specifications & Purity:	≥98%(GC)
Lot #:	H2203453
SKU #	**M132799**
Version	**1**
Analysis #:	**098110**
Storage Temperature:	Room temperature,Argon charged

Parameter	**Limit Values**	**Result**
Purity(GC)	98-100（%）	98.15000 %
Enantiometric Excess	97-100（%）	99.12000 %
Density (20°C)	1.092-1.096	1.09400
Refractive index n20/D	1.411-1.415	1.41300
Appearance（M132799)	Colorless to Almost colorless to light yellow clear liquid	Colorless to Almost colorless to light yellow clear liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager