

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-30 10:22:37
 Date of Next Testing: 2026-05-29 10:22:37
 Product Name: **n-Butyl L-Lactate**
 CAS Number: 34451-19-9
 Specifications & Purity: $\geq 98\%$
 Lot #: E2323313
 SKU #: **B303494**
 Version: **1**
 Analysis #: **206446**
 Storage Temperature: Room temperature, Desiccated

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.47600 %
Refractive index n _{20/D}	1.418-1.426	1.42160
Specific Rotation [α] _{20/D} (c=Neat)	-14--12 (°)	-12.32400 °
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager