

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-26 09:18:17
 Date of Next Testing: 2027-11-26 09:18:17
 Product Name: **4-Chlorobutyraldehyde Diethyl Acetal**
 CAS Number: 6139-83-9
 Specifications & Purity: $\geq 97\%$ (GC)
 Lot #: K2517365
 SKU #: **C153304**
 Version: **2**
 Analysis #: **549810**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	98.89500 %
Refractive index n ₂₀ /D	1.426-1.43	1.42810
Density (20°C)	0.984-0.99	0.98410
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Appearance(C153304)	Colorless to Orange to Green clear liquid	Colorless to Orange to Green clear liquid



John Su
QA & QC Manager