

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-23 17:31:26  
Date of Next Testing: 2026-12-23 17:31:26  
Product Name: **Levoglucosenone**  
CAS Number: 37112-31-5  
Specifications & Purity:  $\geq 96\%$ (GC)  
Lot #: L2419079  
SKU #: **L130870**  
Version: **1**  
Analysis #: **454198**  
Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(GC)	96-100 (%)	96.11 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in CHCL}_3)$	-570--530 (°)	-540.30 °
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager