

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-18 14:45:13

Date of Next Testing: 2027-03-17 14:45:13

Product Name: **1-Chloropinacolin**

CAS Number: 13547-70-1

Specifications & Purity: $\geq 97\%$ (GC)

Lot #: C23101017

SKU # **C153945**Version **0**Analysis #: **187903**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.44-1.443	1.44200
Density (20°C)	1.027-1.031	1.02900
Purity(GC)	97-100 (%)	97.06400 %
Appearance (C153945)	Colorless to Yellow to Orange Liquid	Colorless to Yellow to Orange Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

John Su
QA & QC Manager