

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-05 16:38:24

Date of Next Testing: 2027-04-04 16:38:24

Product Name: **3-Chloropivalic Acid**

CAS Number: 13511-38-1

Specifications & Purity: $\geq 98\%$ (GC)(T)

Lot #: C2330412

SKU #: **C153460**

Version: **0**

Analysis #: **211954**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.74900 %
Melting point	42-45 (°C)	43.95000 °C
Purity(Neutralization titration)	97.5-102.5 (%)	98.02000 %
Appearance (C153460)	White to Off-White Solid, Powder, or Crystals	White to Off-White Solid, Powder, or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager