

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-21 11:37:15
 Date of Next Testing: 2025-02-10 11:37:15
 Product Name: **3-Chloropropanesulfonyl chloride**
 CAS Number: 1633-82-5
 Specifications & Purity: $\geq 98\%$
 Lot #: B2317553
 SKU #: **C122512**
 Version: **0**
 Analysis #: **016775**
 Storage Temperature: Store at -20°C , Argon charged

Parameter	Limit Values	Result
Refractive index $n_{20/D}$	1.488-1.492	1.49
Purity(O ₂ AgNO ₃ titration with after combustion)	97.5-102.5 (%)	101.57 %
Density (20°C)	1.455-1.457	1.46
Appearance (C122512)	Colorless to Orange Liquid	Colorless to Orange Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager