

Certificate of Analysis

Date of Testing: 2022-05-21 16:12:52

Date of Next Testing: 2024-05-10 16:12:52

Product Name: **3-Chloropropanesulfonyl chloride**

CAS Number: 1633-82-5

Specifications & Purity: 98%

Lot #: C2223042

SKU #: **C122512**

Analysis: **091381**

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