

Certificate of Analysis

Date of Testing: 2025-01-10 09:30:17
Date of Next Testing: 2026-12-31 09:30:17
Product Name: **4-Chlorobutyl chloride**
CAS Number: 4635-59-0
Specifications & Purity: $\geq 98\%$
Lot #: G2102117
SKU #: **C109449**
Version: **0**
Analysis #: **460519**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.20 %
Refractive index n ₂₀ /D	1.46-1.464	1.46
Density (20°C)	1.256-1.263	1.26
Appearance (C109449)	Colorless to Yellow Liquid	Colorless to Yellow Liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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QA & QC Manager