

Certificate of Analysis

Date of Testing: 2025-04-16 18:25:12

Date of Next Testing: 2027-04-06 18:25:12

Product Name: **Isobutyryl Chloride**

CAS Number: 79-30-1

Specifications & Purity: $\geq 98\%$

Lot #: D2501292

SKU #: **I107549**

Version: **1**

Analysis #: **381944**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	98.10 %
Density (20°C)	1.009-1.012	1.01
Refractive index n ₂₀ /D	1.406-1.409	1.41
Assay(Titration by AgNO ₃)	97.5-102.5 (%)	99.48 %
Appearance (I107549)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager