Chem-Impex International, Inc.

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Manufacturing site: 825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number 24609

Lot Number 001932-1-20191216

Product (1S)-(-)-Camphanic chloride

(-)-Camphanoyl chloride

CAS Number 39637-74-6 Molecular Formula C₁₀H₁₃ClO₃

Molecular Weight 216.66

Appearance Grey white crystallization

Melting Point 70.3 - 70.8 °C

Water Content (Karl

Fisher)

Optical Rotation [a]_D²⁵ = -24.6 ° (C=3.57 CHCl₃)

0.2%

Purity by GC 99.87%

Storage Store at 0 - 8 °C

Remarks See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Bala Kumar

Quality Control Manager