

# Chem-Impex International, Inc.

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## Certificate of Analysis

**Catalogue Number** 23387  
**Lot Number** 001588-23387-021015  
**Product** **4-Chlorobenzylsulfonyl chloride**

[(4-Chlorophenyl)methyl]sulfonyl chloride

**CAS Number** 6966-45-6  
**Molecular Formula** C<sub>7</sub>H<sub>6</sub>Cl<sub>2</sub>O<sub>2</sub>S  
**Molecular Weight** 225.09

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**Appearance** White crystalline powder

**Melting Point** 92.0-93.4 °C

**Elemental Analysis (Theory)** Cl = 31.54%

**Elemental Analysis (Found)** Cl = 31.56%

**Water Content (Karl Fisher)** 0%

**<sup>1</sup>H NMR** Conforms to structure

**Purity** > 95% (NMR)

**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