



CERTIFICATE OF ANALYSIS

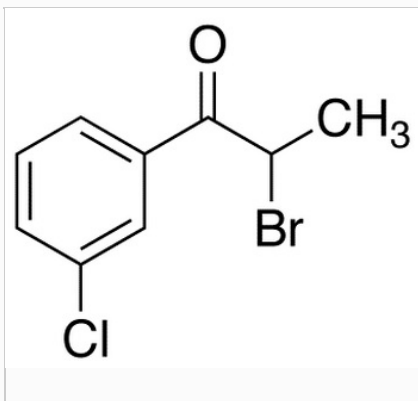
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1. Identification

Catalogue Number: C365035

Product: 3'-Chloro-2-bromopropiophenone

Structure:



CAS Number: 34911-51-8

Synonym: 2-Bromo-1-(3-chlorophenyl)-1-propanone;
 α -Bromo-3-chloropropiophenone;

Molecular Formula:

C₉H₈BrClO

Molecular weight:

247.52

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly),
Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-SWS-60-3

Purity: 95%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	Refer: Additional Information
Appearance	Pale Yellow to Brown Oil	Clear Orange to Brown Oil

Additional Information:

TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 9 : 1; Visualized with UV and KMnO₄; R_f = 0.50. 1H NMR conforms to structure. Elemental Analysis: (Found) %C: 42.68, %H: 3.02; (Calculated) %C: 43.67, %H: 3.26

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm$ 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Philip Chan			7/25/2018	7/23/2028