



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email:orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

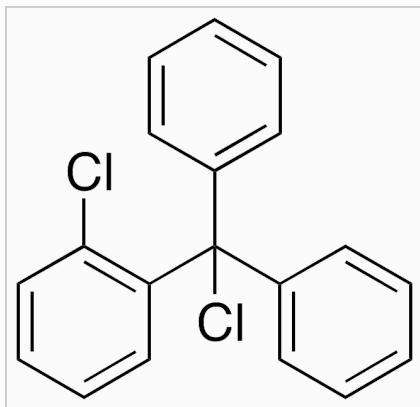
Catalogue Number: C422260

CAS Number: 42074-68-0

Product: 2-Chlorotriyl Chloride (90%)

Synonym: 1-Chloro-2-(chlorodiphenylmethyl)benzene; 2-Chlorophenyldiphenylchloromethane; 2-Chlorophenyldiphenylmethyl Chloride; Chloro(2-chlorophenyl)diphenylmethane; Diphenyl-2-chlorophenylmethyl Chloride; o-Chlorotriphenylchloromethane; Clotrimazole EP Impurity C

Structure:



Lot Number: 7-MWC-61-1

Purity: 98%

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

Storage Condition: 4°C

Molecular Formula:

C₁₉H₁₄Cl₂

Molecular weight:

313.22

Source of Product:

N/A

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly), Methanol (Slightly)

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

White to Pale Beige Solid

Off-White to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 72.74, %H: 4.39

C NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.56% (215 nm)

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 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

Henry Tieu

Toni Rantanen

Chanell Chu

12/21/2022

12/19/2026

