



CERTIFICATE OF ANALYSIS

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1. Identification

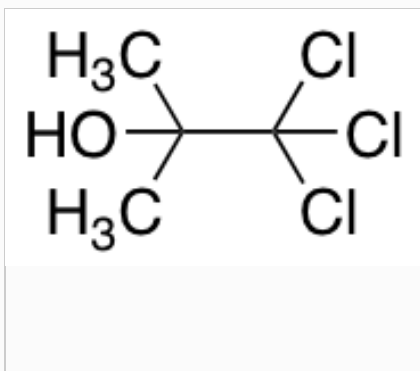
Catalogue Number: T734110

CAS Number: 57-15-8

Product: 1,1,1-Trichloro-2-methylpropan-2-ol

Synonym: 1,1,1-Trichloro-2-methyl-2-propanol; 1,1,1-Trichloro-tert-butyl Alcohol; 2-(Trichloromethyl)-2-propanol; Acetochlorone; Acetonchloroform; Anhydrous Chlorobutanol; Chlorbutol; Chloreton; Chlortran; Clortran; Clortran; Dentalone; Khloreton; Khloreton; Methaform; NSC 44794; Sedaform; Trichloro-tert-butyl Alcohol; Trichlorobutanol; β,β,β -Trichloro-tert-butyl Alcohol;

Structure:



Molecular Formula:

C₄H₇OCl₃

Molecular weight:

177.46

Source of Product:

N/A

Solubility:

Chloroform (Sparingly),
Methanol (Slightly)

Lot Number: 711848635-4-1

Purity: 98%

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:
Appearance	Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 25.74, %H: 4.09
GC Purity	Report Result	100.00%
C NMR	Conforms to Structure	Conforms

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 $\pm 2\%$. 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

Sarbjeeet Kaur

Toni Rantanen

Chanell Chu

8/16/2023

8/14/2027