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### CERTIFICATE OF ANALYSIS

Analysis Date:

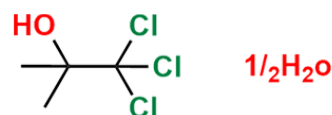
Re-test Date:

**Product Name: Chlorobutanol Hemihydrate (In House Standard)**

#### Identification:

Chemical Name: 1,1,1-Trichloro-2-methyl-2-propanol hemihydrate (as per EP & USP)

Synonyms : NA  
CAS Number : 6001-64-5  
CAT Number : CP-C224002  
Molecular Formula : C<sub>4</sub>H<sub>7</sub>Cl<sub>3</sub>O : 1/2(H<sub>2</sub>O)  
Molecular Weight : 177.4 : 1/2(18.0)



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.