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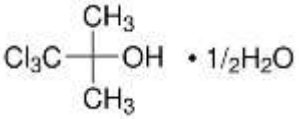
PureSynth® Research Chemicals

Product Specification

Product Name:

1,1,1-Trichloro-2-methyl-2-propanol hemihydrate (Chlorobutanol Hemihydrate)
Pur*Cert* Secondary Reference Standard (CRM) [Includes all characterization data]

Product No.:	PSR42876
Brand:	PureSynth
CAS No.:	6001-64-5
Molecular Formula:	$C_4H_7Cl_3O \cdot 1/2H_2O$
Molecular Weight:	186.46 g/mol



Test	Specification
Appearance	White to Light yellow Solid
Assay (By GC)	≥ 99.5 %
Water (By KF)	NMT 6.0 %
Potency	≥ 99.0 %
Identification by ^{1}H NMR	Conforms to structure
Identification by Mass	Conforms to molecular mass
Identification by IR	Conforms to structure

***Traceable to USP Reference Standard 1112503, Lot no: R141T0**

Specification: PC-1.0-QA/267

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For queries on this Specifications, please contact our technical team at technical@pure-synth.com