



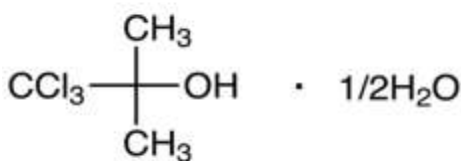
## Certificate of Analysis.

### Chlorobutanol reference standard according to USP, Anstan<sup>®</sup>

Product code:	<b>BS12064.</b>
Description:	<b>Chlorobutanol reference standard according to USP, Anstan<sup>®</sup>.</b>
Chemical Name:	<b>1,1,1-Trichloro-2-methyl-2-propanol Hemihydrate.</b>
Pack:	<b>5 gm.</b>
CAS No.:	<b>6001-64-5.</b>
Mol. Weight:	<b>186.46 g/mol.</b>
Mol. Formula:	<b>C<sub>4</sub>H<sub>7</sub>Cl<sub>3</sub>O·1/2H<sub>2</sub>O.</b>
MDL Number:	<b>MFCD00004461.</b>
Solubility:	<b>Soluble in ethanol.</b>
Storage:	<b>Store at ambient temperature.</b>
LOT NO.:	<b>Sample.</b>
Manufacture Date:	<b>Lot specific.</b>
Expiry Date:	<b>3 years.</b>

Test	Specification	Measured Values
Appearance:	White to Light yellow powder to crystal.	<b>Lot specific.</b>
Identification by NMR:	Confirms to the structure.	<b>Lot specific.</b>
Identification by MASS:	Confirms to the structure.	<b>Lot specific.</b>
Identification by IR:	Confirms to the structure	<b>Lot specific.</b>
Purity:	>98%.	<b>Lot specific.</b>

Please Note: - This material is only for laboratory purpose and not for human consumption. This is a computer generated COA, no stamp or signature is required.




**Dr. K. Deepti.**  
Technical Head.

