

	SPECIFICATIONS				
	Department	QUALITY CONTROL			
	Title	4-Chloro Butyryl Chloride			
	Category	In House			
	Document No.	Version No.	Effective Date	Review Date	Copy No.
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Sr. No.	Test Parameter	Specification
1.	Description	Colorless liquid with characteristic pungent odor.
2.	Miscibility	Miscible with Acetonitrile
3.	Identification (BY GC)	The retention time of the principal peaks in the test sample chromatogram should match with that of standard obtained from chromatographic purity by GC test.
4.	Wt./ml at 25 ^o C	1.250 – 1.260 g/mL
5.	Gama Butyro Lactone	NMT 0.50%
6.	4-Chloro Butanoic Acid	NMT 0.50%
7.	4-Chloro Butyryl Anhydride	NMT 0.50%
8.	Single Maximum Impurity	NMT 0.50%
9.	Purity by (GC)	NLT 98.0%
10.	Total Impurity	NMT 2.0%

	Name	Designation	Signature	Date
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