

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-H005	
SPECIFICATION : HYDROCHLORIC ACID LR					
Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	HCl
2	Product code	H005
3	Molecular weight	36.46
4	CAS No	7647-01-0
5	Risk Statement No	34-37
6	Safety Statement No	26-45
7	UN No.	UN1789

HCl

PACKING DETAILS

	Product code	Pack size
1	H00530	500 mL
2	H00532	2.5 L
3	H00533	5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Clear colourless fuming liquid
2	Assay (acidimetric)	Between 35.0% and 38.0%
3	Specific gravity	About 1.18
4	Free chloride	Not more than 0.0005%
5	Ammonium (NH ₄)	Not more than 0.001%
6	Sulphate (SO ₄)	Not more than 0.001%
7	Sulphite (SO ₃)	Not more than 0.001%
8	Arsenic (As)	Not more than 0.0001%
9	Heavy metals (as Pb)	Not more than 0.0005%
10	Iron (Fe)	Not more than 0.0001%
11	Residue on ignition (as SO ₄)	Not more than 0.01%

SAFETY SYMBOLS



Harmful / Irritant



Corrosive