

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-H020	
SPECIFICATION : HYDROCHLORIC ACID AR					
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	H020
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	H02030	500 mL
2	H02032	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Assay
3	Specific gravity (at 25°C)
4	Free chlorine
5	Ammonium (NH ₄)
6	Phosphate (PO ₄)
7	Sulphate (SO ₄)
8	Sulphite (SO ₃)
9	Aluminium (Al)
10	Arsenic (As)
11	Copper (Cu)
12	Heavy metals (as Pb)
13	Iron (Fe)
14	Residue on ignition (as SO ₄)

LIMITS

Clear colourless fuming liquid.
Not less than 35.4%
About 1.18
Not more than 0.0002%
Not more than 0.0003%
Not more than 0.00005%
Not more than 0.0005%
Not more than 0.0001%
Not more than 0.00005%
Not more than 0.000002%
Not more than 0.00001%
Not more than 0.00005%
Not more than 0.00004%
Not more than 0.001%

SAFETY SYMBOLS



Harmful / Irritant



Corrosive