

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-H058	
SPECIFICATION : HYDROBROMIC ACID (ABOUT 49%)					
Issue date	16/04/2018	Review date	15/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	HBr
2	Product code	H058
3	Molecular weight	80.92
4	CAS No	10035-10-6
5	Risk Statement No	10-34-37
6	Safety Statement No	26-45-7/9
7	UN No.	UN1788

HBr

PACKING DETAILS

	Product code	Pack size
1	H05830	500 mL
2	H05832	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	A colourless to faint yellow liquid. Slowly darkens on exposure to air and light
2	Miscibility	Miscible with Water and Ethanol
3	Assay	Between 48.0% and 50.0%
4	Weight per mL	Between 1.46 and 1.50 g
5	Non-volatile matter	Not more than 0.01%
6	Chloride (Cl)	Not more than 0.2%
7	Sulphate (SO ₄)	Not more than 0.02%
8	Arsenic (As)	Not more than 0.0005%
9	Heavy metals (as Pb)	Not more than 0.0005%
10	Iron (Fe)	Not more than 0.0005%

SAFETY SYMBOLS



Harmful / Irritant



Corrosive