

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-N012	
SPECIFICATION : NITRIC ACID FUMING					
Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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PRODUCT DETAILS

1	Molecular Formula	HNO ₃
2	Product code	N012
3	Molecular weight	63.01
4	CAS No	7697-37-2
5	Risk Statement No	8-35
6	Safety Statement No	23-26-36-45
7	UN No.	UN2031



PACKING DETAILS

	Product code	Pack size
1	N01232	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

LIMITS

1	Description	A clear, colourless liquid with corrosive vapour.
2	Assay	Not less than 95.0%
3	Specific gravity	About 1.410
4	Non-volatile matter	Not more than 0.001%
5	Chloride (Cl)	Not more than 0.00005%
6	Phosphate (PO ₄)	Not more than 0.0002%
7	Sulphate (SO ₄)	Not more than 0.0002%
8	Arsenic (As)	Not more than 0.000001%
9	Iron (Fe)	Not more than 0.0001%
10	Heavy metals (Pb)	Not more than 0.0001%
11	Manganese (Mn)	Not more than 0.00004%

SAFETY SYMBOLS



Oxidizing



Corrosive