

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-N010	
SPECIFICATION : NITRIC ACID LR					
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	N010
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	N01030	500 mL
2	N01032	2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	Clear colourless liquid with corrosive vapour
2	Assay	Between 67.0% and 72.0%
3	Specific gravity	About 1.410
4	Residue on ignition	Not more than 0.01%
5	Chloride (Cl)	Not more than 0.001%
6	Sulphate (SO ₄)	Not more than 0.01%
7	Arsenic (As)	Not more than 0.0001%
8	Heavy metals (as Pb)	Not more than 0.0005%
9	Iron (Fe)	Not more than 0.005%

SAFETY SYMBOLS



Oxidizing



Corrosive