

	LEONID CHEMICALS PVT. LTD.				
	FINE CHEMICAL				
Department: Quality Control		Document No: LCPL/QSD/QAD/11		SOP No.: SOP/QC/11-N011	
SPECIFICATION : NITRIC ACID AR					
Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes	--	Page No	1 of 1

PRODUCT DETAILS

1	Molecular Formula	HNO ₃
2	Product code	N011
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	N01130	500 mL
2	N01132	2.5 L

PRODUCT SPECIFICATION

SL. No. TEST PARAMETERS

1	Description
2	Assay
3	Specific gravity
4	Residue on ignition (as SO ₄)
5	Chloride (Cl)
6	Phosphate (PO ₄)
7	Silicate (SiO ₂)
8	Sulphate (SO ₄)
9	Arsenic (As)
10	Copper (Cu)
11	Heavy metals (as Pb)
12	Iron (Fe)
13	Manganese (Mn)

LIMITS

A clear, colourless liquid with corrosive vapour.
Between 67.0 and 71.0%
About 1.410
Not more than 0.001%
Not more than 0.00005%
Not more than 0.0001%
Not more than 0.00005%
Not more than 0.0002%
Not more than 0.000001%
Not more than 0.00001%
Not more than 0.00002%
Not more than 0.00002%
Not more than 0.00004%

SAFETY SYMBOLS



Oxidizing



Corrosive