

4

LEONID CHEMICALS PVT. LTD.

FINE CHEMICAL

SOP No.: SOP/QC/11-O021 Department: Quality Control Document No: LCPL/QSD/QAD/11

SPECIFICATION: ORTHO PHOPHORIC ACID LR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
Version No.:	00	Supersedes		Page No	1 of 1

PRODUCT DETAILS

CAS No

1	Molecular Formula	H_3PO_4	
2	Product code	O021	H_3PO_4
3	Molecular weight	97.99	1131 04

7664-38-2

5 34 Risk Statement No

26-36/37/39-45 Safety Statement No 6

7 UN No. UN1805

PACKING DETAILS

Product code Pack size O02130 500 mL 1 O02132 2.5 L

PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	D ' '	A 1 1 1

. INU.	I EST I AKAMETEKS	LIMITS
1	Description	A clear colourless hygroscopic viscous liquid.
2	Identification	Passes test
3	Miscibility	Miscible with water and ethanol.
4	Assay	Not less than 85.0%
5	Weight per mL at 20°C	About 1.75 g
6	Chloride (Cl)	Not more than 0.001%
7	Nitrate (NO ₃)	Not more than 0.002%
8	Sulphate (SO ₄)	Not more than 0.01%

Sulphate (SO₄) Not more than 0.01% 9 Calcium (Ca) Not more than 0.01% 10 Iron (Fe) Not more than 0.01% Lead (Pb) 11 Not more than 0.002% 12 Magnesium (Mg) Not more than 0.01%

13 Manganese (Mn) Not more than 0.002%

SAFETY SYMBOLS



Harmful / Irritant



Corrosive



Health hazard