

### SPECIFICATION : ORTHO PHOPHORIC ACID AR

Issue date	23/04/2018	Review date	22/04/2023	Location	All Units
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#### PRODUCT DETAILS

1	Molecular Formula	H <sub>3</sub> PO <sub>4</sub>
2	Product code	O008
3	Molecular weight	97.99
4	CAS No	7664-38-2
5	Risk Statement No	34
6	Safety Statement No	26-36/37/39-45
7	UN No.	UN1805



#### PACKING DETAILS

	Product code	Pack size
1	O00830	500 mL
2	O00832	2.5 L

#### PRODUCT SPECIFICATION

##### SL. No. TEST PARAMETERS

1	Description
2	Identification
3	Miscibility
4	Assay
5	Weight per mL at 20°C
6	Chloride (Cl)
7	Nitrate (NO <sub>3</sub> )
8	Silicate (SiO <sub>2</sub> )
9	Sulphate (SO <sub>4</sub> )
10	Volatile acids
11	Arsenic (As)
12	Calcium (Ca)
13	Iron (Fe)
14	Lead (Pb)
15	Magnesium (Mg)
16	Manganese (Mn)
17	Potassium (K)
18	Sodium (Na)
19	Substances reducing permanganate

##### LIMITS

	A clear colourless hygroscopic viscous liquid.
	Passes test
	Miscible with water and ethanol.
	Not less than 88.0%
	About 1.75 g
	Not more than 0.0005%
	Not more than 0.0005%
	Not more than 0.025%
	Not more than 0.002%
	Not more than 0.0006%
	Not more than 0.0001%
	Not more than 0.002%
	Not more than 0.001%
	Not more than 0.001%
	Not more than 0.002%
	Not more than 0.0001%
	Not more than 0.005%
	Not more than 0.03%
	Not more than 0.001%

**Department: Quality Control**

**Document No: LCPL/QSD/QAD/11**

**SOP No.: SOP/QC/11-O008**

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**SAFETY SYMBOLS**



Harmful / Irritant



Corrosive



Health hazard