

### SPECIFICATION : POTASSIUM CHLORIDE AR

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

#### PRODUCT DETAILS

1	Molecular Formula	KCl
2	Product code	P013
3	Molecular weight	74.55
4	CAS No	7447-40-7
5	Risk Statement No	36
6	Safety Statement No	26-39
7	UN No.	--

# KCl

#### PACKING DETAILS

	Product code	Pack size
1	P01310	500 g
2	P01312	2.5 Kg

#### PRODUCT SPECIFICATION

SL. No.	TEST PARAMETERS	LIMITS
1	Description	White crystals or crystalline powder
2	Clarity	10% solution in water is clear and colourless.
3	Assay	Not less than 99.5%
4	pH (5% aqueous solution)	Between 5.5 and 8.5
5	Water insoluble matter	Not more than 0.003%
6	Bromide	Not more than 0.005%
7	Iodide	Not more than 0.005%
8	Sulphate (SO <sub>4</sub> )	Not more than 0.001%
9	Phosphate (PO <sub>4</sub> )	Not more than 0.0005%
10	Total nitrogen	Not more than 0.001%
11	Arsenic (As)	Not more than 0.00004%
12	Barium (Ba)	Not more than 0.001%
13	Calcium (Ca)	Not more than 0.001%
14	Heavy metals (as Pb)	Not more than 0.0002%
15	Iron (Fe)	Not more than 0.0002%
16	Magnesium (Mg)	Not more than 0.0005%
17	Sodium (Na)	Not more than 0.02%
18	Loss on drying (at 140°C)	Not more than 0.2%

#### SAFETY SYMBOLS