



# Product Specification

**Product Name:** POTASSIUM CHLORIDE AR

Alternate Name(s)

Description

Colourless or white crystals; strong saline taste.

Properties

Chemical Formula:

Molecular Weight: 74.55

General Information:

Potassium chloride sublimates at 1500°C. Non combustible, low toxicity. Soluble in water; slightly soluble in alcohol; insoluble in absolute alcohol.

Product Code: PA054

CAS No. 7447-40-7

Quality Specification

Assay: 99.0 to 100.5%

Specific Properties and Impurities [Typical levels]:

Specific Gravity	1.987
Melting point	772°C
pH of 5% solution @ 25°C	5.4 - 8.6
Insoluble matter	≤ 0.005%
Barium (Ba)	Passes test
Bromide (Br)	≤ 0.01%
Iodide (I)	≤ 0.002%
Heavy metals (as Pb)	≤ 0.0005%
Iron (Fe)	≤ 0.0003%
Calcium (Ca)	≤ 0.002%
Sodium (Na)	≤ 0.005%
Sulfate (SO4)	≤ 0.001%
Phosphate (PO4)	≤ 0.0005%
Chloride and Nitrate (as NO3)	≤ 0.003%
Magnesium (Mg)	≤ 0.001%

CONFORMS TO ACS

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	1CH58
Poison schedule:	Not Scheduled
Emergency	
Procedure Guide No.:	N/A

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