



# Product Specification

## Product Name: POTASSIUM CHLORIDE LR

Alternate Name(s)

### Description

Colourless or white crystals; strong saline taste.

### Properties

Chemical Formula: KCl

Molecular Weight: 74.55

Product Code: PL054

CAS No. 7447-40-7

### General Information:

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

### 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

### Quality Specification

Assay: 99.0% min.

### Specific Properties and Impurities [Typical levels]:

Bromide	≤ 0.1000%
Sulfate	≤ 0.0300%
Heavy metals (as Pb)	≤ 0.0010%
Magnesium & Alkaline-earth metals (as Ca)	≤ 0.0200%
Sodium	≤ 0.1000%
Iron	≤ 0.0020%
Specific Gravity	1.987
Melting point	772°C

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia  
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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