



# Product Specification

## Product Name: POTASSIUM CHLORATE AR

Alternate Name(s) Potcrate.

### Description

Transparent colourless crystals or white powder; cooling saline taste.

### Properties

Chemical Formula:

Molecular Weight: 122.55

Product Code: PA055

CAS No. 3811-04-9

### General Information:

May form explosive mixtures with ammonium compounds, combustible material or finely powdered metals.

### Hazard and Safety Data

UN Group: II  
Class: 5.1  
UN Number: 1485  
Hazchem code: 1YE  
CS MSDS Code: 1CH57  
Poison schedule: S5  
Emergency  
Procedure Guide No.: 31

### Quality Specification

Assay: 99.0% min.

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

Insoluble matter	≤ 0.005%
Bromate (BrO <sub>3</sub> )	≤ 0.015%
Chloride (Cl)	≤ 0.001%
Sulfate (SO <sub>4</sub> )	Passes test
Heavy metals (as Pb)	≤ 0.0005%
Calcium (Ca)	≤ 0.002%
Iron (Fe)	≤ 0.0003%
Magnesium (Mg)	≤ 0.002%
Sodium (Na)	≤ 0.01%

CONFORMS TO ACS

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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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