

# Potassium Chloride

**Product Code: 1.1370.**

Extra Pure

**KCl**

**M= 74.55 g/mol**

## Specification

Assay		99.5 – 100.5	%
Description		Conforms	
Solubility		Conforms	
Identification		Conforms	
Heavy metals	≤	0.001	%
Acidity or alkalinity		Conforms	
Iodide	≤	0.005	%
Bromide	≤	0.1	%
Clarity & color of solution		Conforms	
Sodium		Conforms	
Calcium & Magnesium		Conforms	
Loss on drying	≤	1.0	%

## Technical Information

Formula:	ClK
Chemical formula:	KCl
Density:	1.98 g/cm <sup>3</sup> (20 °C)
Molar mass:	74.55 g/mol
Bulk density:	~ 1000 kg/m <sup>3</sup>
CAS number:	7447-40-7
HS code:	31042090
EC number:	231-211-8
Storage (temperature):	Without limitations.
SDS	available
RTECS:	TS8050000
Odour:	odourless
Form:	solid
Color:	white
PH value:	5.5 - 8.0 (50 g/l 25 °C)
Solubility in water:	347 g/l (20°C)
Solubility in ethanol:	(20°C) almost insoluble
Boiling point:	1413 °C (1013 hPa)
Melting point:	773 °C
Vapour pressure:	low

### Glass Bottles

5	gr	
10	gr	
25	gr	

### Plastic Container

100	gr	
500	gr	●
800	gr	

### Plastic Container

1	kg	●
5	kg	
10	kg	