

Cloruro de Potasio Crist. RA.

About this item

CAS Number: 7447-40-7

:

Formula: KCl

MDL Number: MFCD00011360

: 74.55 g/mol

Merck Index: 14,07621

Boiling Pt: 1420 °C (1013 hPa)

Melting Pt: 773 °C

Density: 1.99 g/cm³

: Management of Change (MOC)
category = N

Storage Temperature: Ambient

EINECS: 231-211-8

Specification Test Results

Assay (KCl) (by Ag titrn):	99.0 - 100.5 %
Loss on Drying at 105°C:	≤1.0 %
Insoluble Matter:	≤0.005 %
pH of 5% Solution at 25°C:	5.4 - 8.6
Iodide (I):	≤0.002 %
Bromide (Br):	≤0.01 %
Calcium (Ca):	≤0.002 %
Chlorate and Nitrate (as NO ₃):	≤0.003 %
Magnesium (Mg):	≤0.001 %

Nitrogen Compounds (as N):	≤0.001 %
Sulfate (SO ₄):	≤0.001 %
Barium (Ba):	Passes Test
Sodium (Na)(by FES):	≤0.005 %
Phosphate (PO ₄):	≤5 ppm
Trace Impurities - ACS - Heavy Metals (as Pb):	≤5 ppm
Trace Impurities - Arsenic (As):	≤1 ppm
Trace Impurities - Iron (Fe):	≤2.0 ppm
Trace Impurities - Nickel (Ni):	≤1.000 ppm

