

TIQ-F-QC-003
Rev.00**Technical Data Sheet****POTASSIUM CHLORIDE 99,5 % AR**

Product Code	O-5141	Grade	Analytical Reagent
Purity	99,5 %	CAS No	7447-40-7
Molecular Formula	KCl	Molecular Weight	74,56 g/mol
H.S.Code	3104.2000	Shelf Life	60 Months

Physical Properties

Physical state	Solid	Melting point	770 °C
Colour	White	Density	1,98 g/cm ³ at 20°C
pH value	5,5 - 8,5 at 50,0 g/l at 20,0 °C	Boiling point	1.413 °C at 1.013 hPa
Solubility in water	355 g/l at 25 °C		

Packaging

500 gram

Specification

Appearance	White crystals or crystalline powder
Assay (argentometric)	99.0 – 100.5 %
pH (2% Solution in water 25°C)	5.4 – 8.6
Insoluble matter in water	max 0.01 %
Bromide (Br)	max 0.01 %
Iodide (I)	max 0.002 %
Sulphate (SO ₄)	max 0.005 %
Phosphate (PO ₄)	max 0.005 %
Nitrogen compounds (N)	max 0.001 %
Heavy metals (as Pb)	max 0.0005 %
Iron (Fe)	max 0.0003 %
Calcium (Ca)	max 0.002 %
Barium (Ba)	max 0.001 %
Magnesium (Mg)	max 0.001 %
Sodium (Na)	max 0.02 %
Loss on drying (at 130 °C)	max 0.2 %

Safety Information and Hazard Symbols

NO GHS

Symbol: not available

Signal Word: not available

UN No.: not available

IMCO Class No.: not available

Packing Group: not available

Hazardous Statement: not available

Precaution Statement: not available