

PRODUCT Potassium Chloride Ph. Eur.

CAS no. 7447-40-7

CHARACTERISTICS White or almost white, crystalline powder or colourless crystals.
Freely soluble in water, practically insoluble in anhydrous ethanol.

TEST	SPECIFICATION
Content (Assay)	99.0% to 100.5% (dried substance)
Identification	Conforms to Ph. Eur. tests
Appearance of solution	As per Ph. Eur. test: Solution S is clear and colourless
Acidity or alkalinity	As per Ph. Eur. test: Not more than 0.5 ml of 0.01M HCl or 0.01M NaOH is required to change the colour of the indicator
Bromides	Maximum 0.1%
Iodides	As per Ph. Eur. test: The substance shows no blue colour
Sulphates	Maximum 300ppm
Aluminium	Maximum 1.0ppm
Barium	Conforms to Ph. Eur. tests
Iron	Maximum 20ppm
Magnesium and alkaline-earth metals	Maximum 200ppm (calculated as Ca)
Sodium	Maximum 0.10%
Heavy metals	Maximum 10ppm
Loss on drying	Maximum 1.0%

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