

## Product Datasheet

### GE4711 - Potassium chloride, BP,

### Ph. Eur. grade

#### Product Details

Product Name	Potassium chloride, BP, Ph. Eur. grade
Glenthams Code	GE4711
CAS Number	7447-40-7
EINECS	231-211-8
MDL Number	MFCD00011360
Related Categories	Biochemicals, Buffers, Raw Materials (IVD), PCR, Reagents for Northern and Southern Blotting, Inorganics, Metal Salts

#### Structure

Molecular Weight	: 74.55
Molecular Formula	: KCl



### Glenthams Product Specification

Physical Description	: White crystalline powder or colourless crystals
Identification	: According to A, B (Ph. Eur.)
Solubility (10% in water)	: Clear, colourless solution
Acidity or Alkalinity	: To pass test (Ph. Eur.)
Bromides	: $\leq 0.1\%$
Iodides	: To pass test (Ph. Eur.)
Sulphates	: $\leq 300\text{ppm}$
Aluminium (Al)	: $\leq 1\text{ppm}$
Iron (Fe)	: $\leq 20\text{ppm}$
Magnesium and Alkaline-Earth Metals	: $\leq 200\text{ppm}$
Sodium (Na)	: $\leq 0.1\%$
Loss on Drying	: $\leq 1.0\%$
Assay	: 99.0 - 101.0 % (dried basis)
Pharmacopoeia Specification(s)	: BP, Ph. Eur.
Version	: v1.1

### About Potassium chloride, BP, Ph. Eur. grade

A metal halide salt used in biochemistry and molecular biology applications, such as Northern and Southern Blotting and PCR. In addition to laboratory applications, potassium chloride is widely used in agricultural, pharmaceutical and industrial applications.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

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