

Material	26764.298
Material description	Potassium chloride
Grade	AnalaR NORMAPUR Reag. Ph. Eur.
CAS Number	7447-40-7
Molecular formula	ClK
Molecular mass	74.55

Characteristics	Specifications
Assay (calculated on dried substance)	99.5 - 101.0 %
Appearance of solution S	Passes test Ph.Eur.
Identification A	Passes test Ph.Eur.
Identification B	Passes test Ph.Eur.
Solution S	Passes test Ph.Eur.
Acidity or alkalinity	≤ 0.0005 meq/g
pH (5 %)	5.0 - 8.0
Heavy metals (as Pb)	≤ 5 ppm
Insolubility in water	≤ 100 ppm
Loss on drying (105°C)	≤ 1.0 %
Mg and alkaline earth metals (as Ca)	≤ 0.02 %
Total N (Nitrogen)	≤ 40 ppm
Br (Bromide)	≤ 0.1 %
I (Iodide)	≤ 20 ppm
PO ₄ (Phosphate)	≤ 5 ppm
SO ₄ (Sulphate)	≤ 50 ppm
Al (Aluminium)	≤ 10 ppm
As (Arsenic)	≤ 0.5 ppm
Ba (Barium)	≤ 10 ppm
Ca (Calcium)	≤ 10 ppm
Cu (Copper)	≤ 2 ppm
Fe (Iron)	≤ 2 ppm
Na (Sodium)	≤ 0.02 %
Conforms to Reag. Ph.Eur.	Passes test



Product Specification

Signature

We certify that this batch conforms to the specifications listed above.

This document has been produced electronically and is valid without a signature.

Anja Vanhalle, Head of Laboratory - Haasrode
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