

Technical Datasheet

Art.-No.: 1632

Potassium chloride p. a., ISO, Ph. Eur. (min. 99.5 %)
 KCl

For laboratory use.

| Parameter | Value |
|------------------------------|---------------|
| Appearance | White powder |
| Molar mass | 74.55 g/mol |
| Density | 1.98 g/ml |
| Melting point | 773 °C |
| Boiling point | 1413 °C |
| CAS-No. | 7447-40-7 |
| Barium (Ba) | max. 0.001 % |
| Calcium (Ca) | max. 0.001 % |
| Iron (Fe) | max. 0.0002 % |
| Magnesium (Mg) | max. 0.0005 % |
| Sodium (Na) | max. 0.02 % |
| Heavy metals (as Pb) | max. 0.0005 % |
| Bromide (Br) | max. 0.01 % |
| Iodide (I) | max. 0.002 % |
| Phosphate (PO ₄) | max. 0.0005 % |
| Sulphate (SO ₄) | max. 0.002 % |
| Nitrogen (N) | max. 0.001 % |
| Loss on drying | max. 0.2 % |
| pH (5 % solution) | 5.0 – 8.0 |