# Product Information

## GRM698  Potassium chloride, A.R.

### Product Number

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>GRM698</td>
<td>500G</td>
</tr>
<tr>
<td>GRM698</td>
<td>5KG</td>
</tr>
</tbody>
</table>

### Product Information

- **Product Code**: GRM698
- **Product Name**: Potassium chloride, A.R.
- **Molecular Formula**: KCl
- **Molecular Weight**: 74.55
- **CAS No.**: 7447-40-7
- **EC No.**: 231-211-8
- **HS Code**: 2827 51 00
- **Shelf Life**: 4 years

### Technical Specification

- **Appearance**: White fine crystalline powder.
- **Solubility**: Soluble in water, glycerol. Slightly soluble in alcohol. Insoluble in ether, acetone, hydrochloric acid.
- **Reaction**: Reaction of 5% w/v aqueous solution at 25°C.
- **pH**: min. 5.00 max. 8.00
- **Total Nitrogen (Kjeldhal method)**: <= 0.001%
- **Magnesium (Mg)**: <= 0.0005%
- **Calcium (Ca)**: <= 0.001%
- **Heavy metal (as Pb)**: <= 0.0002%
- **Iron (Fe)**: <= 0.0002%
- **Sulfate (SO4)**: <= 0.003%
- **Water Insoluble Matter**: <= 0.003%
- **Iodide (I)**: <= 0.002%
- **Phosphate (PO4)**: <= 0.0005%
- **Sodium (Na)**: <= 0.02%
- **Assay (ICP/ Titration)**: <= 0.001%
- **Copper (Cu)**: <= 0.0002%
- **Loss on drying (150°C; 1 h)**: <= 0.2%
- **Bromide (Br)**: <= 0.01%
- **Assay (Titration)**: min. 99.50%

### Risk and Safety Information

- **WGK**: 1
- **RTECS**: TS8050000
- **Storage Temperature(°C)**: Store below 30°C

### Transport Information

- **Marine Pollutant**: No
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<tr>
<td>ADR/RID</td>
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<tr>
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