

## Technical data sheet



Product name: **Potassium dichromate**

Grade: **Extra pure**

Chemical formula:  $K_2CrO_7$

Molar mass: 294.19 g/mol

**Synonyms:** Potassium bichromate; Kaliumdichromat; lopezite; POTASSIUM DICHROMATE

| General information        |                                     |
|----------------------------|-------------------------------------|
| Cas- No.                   | 7778-50-9                           |
| Ec-No.                     | 231-906-6                           |
| Appearance                 | orange-red solid                    |
| Boiling point              | > 500° C                            |
| Melting point              | 398°C                               |
| Flash point                | N/A                                 |
| Spec.density               | 2.69 g/cm <sup>3</sup> (20°C)       |
| Vapour pressure            | N/A                                 |
| Solub. In H <sub>2</sub> O | 130 g/l (20°C)                      |
| Storage temp               | ≤+30 ° C                            |
| R:                         | 49-46-E21-E25-E26-37/38-41-43-50/53 |
| S:                         | 53-45-60-61                         |

| Specification          |                        |
|------------------------|------------------------|
| Assay                  | ≥99.5%                 |
| Identity               | conforms               |
| Appearance             | conforms               |
| Sulfate                | ≤0.1%                  |
| Sodium                 | ≤0.5%                  |
| Chloride               | ≤0.01%                 |
| Solubility             | conforms               |
| Loss on drying (130°C) | ≤0.5%                  |
| pH-value               | 3.57 (10%, water)      |
| Bulk density           | 1250 kg/m <sup>3</sup> |
|                        |                        |
|                        |                        |

**Symbol:**



**packaging:**

| Available Pack | 1Kg | 5Kg | 10Kg |
|----------------|-----|-----|------|
| P.E            | *   | *   | *    |
| GLASS          | -   | -   | -    |



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