

Technical Datasheet

Article No. 1648

Potassium dihydrogen phosphate p. a., ACS, ISO, Ph. Eur.
min. 99.5 % KH₂PO₄

For laboratory use.

| Parameter | Value |
|----------------------------------|------------------------|
| Appearance | white powder |
| Melting point | ~253°C (decomposition) |
| Density | 2.34 g/ml |
| Mol.-Weight | 136.09 g/mol |
| Loss on drying (110 °C) | max. 0.1 % |
| Arsenic (As) | max. 0.00005 % |
| Iron (Fe) | max. 0.001 % |
| Sodium (Na) | max. 0.005 % |
| Chloride (Cl) | max. 0.0005 % |
| Sulfate (SO ₄) | max. 0.003 % |
| Nitrogen (N) | max. 0.001 % |
| Cadmium (Cd) | max. 0.0005 % |
| Copper (Cu) | max. 0.0003 % |
| Chromium (Cr) | max. 0.0002 % |
| Nickel (Ni) | max. 0.0001 % |
| Heavy metals (as Pb) | max. 0.001 % |
| pH (5 %, 25 °C) | 4.2–4.5 |
| Insoluble matter | max. 0.01 % |
| Residual solvents (Ph. Eur./ICH) | not existent |
| Identity | complies |
| Appearance of solution | complies |
| Reducing substances | complies |

Technical Datasheet

Article No. 1648

Potassium dihydrogen phosphate p. a., ACS, ISO, Ph. Eur.
min. 99.5 % KH_2PO_4

For laboratory use.

| Parameter | Value |
|-----------|-------|
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