

SPECIFICATION

Potassium Dihydrogen Phosphate
for RoHS

| REQUIREMENT | SPECIFICATION |
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| Appearance | White, crystals ~ crystalline powder |
| Assay (KH ₂ PO ₄) | min.99.5%(mass/mass) |
| Solubility in water | to pass test |
| Loss on drying at 105°C | max.0.2%(mass/mass) |
| pH of a 50g/l solution at 25°C | 4.2~4.5 |
| Chloride (Cl) | max.5ppm(mass/mass) |
| Nitrate | to pass test |
| Sulfate (SO ₄) | max.0.003%(mass/mass) |
| Heavy metals (as Pb) | max.0.001%(mass/mass) |
| Sodium (Na) | max.0.02%(mass/mass) |
| Arsenic (As) | max.1ppm(mass/mass) |
| Iron (Fe) | max.0.001%(mass/mass) |
| Ammonium (NH ₄) | max.0.001%(mass/mass) |
| Cadmium (Cd) (RoHS) | max.10ppm |
| Mercury (Hg) (RoHS) | max.10ppm |
| Lead (Pb) (RoHS) | max.100ppm |
| Chromium (Cr) (RoHS) | max.10ppm |
| Brominated flame retardants (as Br) (RoHS) | max.1ppm |