

SPECIFICATION

Potassium Dihydrogen Phosphate

Wako 1st Grade

| REQUIREMENT | SPECIFICATION |
|--------------------------------|--|
| Appearance | White, crystals ~ crystalline powder |
| Solubility in water | to pass test |
| pH of a 50g/l solution at 25°C | 4.2~4.7 |
| Chloride (Cl) | max.0.005% |
| Nitrate | to pass test (NO ₃ :max.about 0.005%) |
| Sulfate (SO ₄) | max.0.01% |
| Heavy metals (as Pb) | max.0.003% |
| Sodium (Na) | max.0.3% |
| Calcium (Ca) | max.0.05% |
| Arsenic (As) | max.3ppm |
| Iron (Fe) | max.0.005% |
| Ammonium (NH ₄) | max.0.005% |
| Assay | min.99.0% |