

SPECIFICATION

Dipotassium Hydrogenphosphate

Wako 1st Grade

| REQUIREMENT | SPECIFICATION |
|--------------------------------|--|
| Appearance | White, crystals ~ powder |
| Solubility in water | to pass test |
| Loss on drying at 110°C | max.3% |
| pH of a 50g/L solution at 25°C | 8.6~9.5 |
| Chloride (Cl) | max.0.01% |
| Nitrate | to pass test (NO ₃ :max.about 0.005%) |
| Sulfate (SO ₄) | max.0.05% |
| Heavy metals (as Pb) | max.0.002% |
| Sodium (Na) | max.0.5% |
| Arsenic (As) | max.3ppm |
| Iron (Fe) | max.0.005% |
| Ammonium (NH ₄) | max.0.005% |
| Assay (after drying at 110°C) | min.98.0% |