
Potassium dihydrogen phosphate anhydrous, For HPLC

GRM2951

Product Identifier

| | | |
|-------------------|---|---|
| CAS No. | : | 7778-77-0 |
| EC No. | : | 231-913-4 |
| Molecular Formula | : | KH_2PO_4 |
| Molecular Weight | : | 136.09 |
| Synonym | : | Potassium phosphate monobasic anhydrous, For HPLC |
| HS Code | : | 2835 24 00 |
| Storage | : | Below 30°C |
| Shelf life | : | 4 years |

Technical Specification

| | | |
|---------------------------------------|---|---|
| Appearance | : | Colourless to white crystals or powder or solid |
| Solubility | : | 100 mg soluble in 1 mL of water |
| pH (5% in water at 25°C) | : | 4.10 - 4.50 |
| UV Absorption 1 | : | ≤ 0.1 (at 210 nm, 10% in water) |
| UV Absorption 2 | : | ≤ 0.06 (at 220 nm, 10% in water) |
| UV Absorption 3 | : | ≤ 0.04 (at 230 nm, 10% in water) |
| UV absorption 4 | : | ≤ 0.02 (at 300 nm, 10% in water) |
| UV absorption 5 | : | ≤ 0.02 (at 500 nm, 10% in water) |
| Loss on drying (at 125 - 130°C, 2 hr) | : | $\leq 2.00\%$ |
| Assay (NaOH Titration, on dry basis) | : | 99.50 - 100.50% |

Safety Information

| | | |
|---------------|---|---------------------|
| UN No. | : | Not dangerous goods |
| Class | : | - |
| Packing Group | : | - |
| RTECS | : | TC6615500 |
| WGK | : | 1 |