

Product Specification Sheet



Product Code: BIO-1210
Identifier: Potassium Phosphate, Dibasic
Grade: ACS Grade
Appearance: White powder
Molecular Formula: K_2HPO_4
Molecular Weight: 174.18 g/mol
Description: Not Applicable
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable

Assay:	Specification:
Purity (K_2HPO_4)	≥ 99.0 %
Solubility in water	PASS
Loss on drying (110°C)	≤ 2.0 %
pH (50g/L, 25°C)	8.7 – 9.4
Chloride (Cl)	≤ 0.002 %
Nitrate	PASS
Sulfate (SO_4)	≤ 0.005 %
Heavy metals (as Pb)	≤ 0.001 %
Sodium (Na)	≤ 0.5 %
Arsenic (As)	≤ 1 ppm
Iron (Fe)	≤ 0.001 %
Ammonium (NH_4)	≤ 0.001 %
Calcium (Ca)	≤ 0.03 %

Axil Scientific Pte Ltd

2 Tukang Innovation Grove, #06-01 JTC MedTech Hub, Singapore 618305
Tel: +65-6775 7318 Email: custcare@axilscientific.com
Website: www.axilscientific.com