

Product Specification Sheet



Product Code: BIO-1200
Identifier: Potassium Dihydrogen Phosphate
Grade: ACS Grade
Appearance: White powder
Molecular Formula: KH_2PO_4
Molecular Weight: 136.09 g/mol
Description: Not Applicable
Storage Condition: Store between 20°C - 25°C. Protect from moisture.
Additional Info: Not Applicable

Assay:	Specification:
Purity (KH_2PO_4)	$\geq 99.5 \%$
Solubility in water	PASS
Loss on drying (105°C)	$\leq 0.2 \%$
pH (50g/L, 25°C)	4.2 – 4.5
Chloride (Cl)	$\leq 5 \text{ ppm}$
Nitrate	PASS
Sulfate (SO_4)	$\leq 0.003 \%$
Heavy metals (as Pb)	$\leq 0.001 \%$
Sodium (Na)	$\leq 0.02 \%$
Arsenic (As)	$\leq 1 \text{ ppm}$
Iron (Fe)	$\leq 0.001 \%$
Ammonium (NH_4)	$\leq 0.001 \%$

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