



Specification

Potassium Hydrogen Phthalate ACS

Catalog Number: PH1004
CAS Number: 877-24-7
Synonym(s): KHP, Phthalic acid monopotassium salt, Potassium biphtalate, Potassium hydrogen phthalate, Potassium phthalate monobasic
Molecular Formula: $C_8H_5O_4K$
Molecular Weight: 204.22
Storage: 15°C – 30°C
Retest Period: Five years from the date of manufacture

Test	Specification
Appearance	White crystals
Assay (Dry Basis)	99.95 – 100.05%
Identification	To pass test
pH (0.05M)	4.00 – 4.02
Insoluble Matter	≤ 0.005%
Chlorine Compounds	≤ 0.003%
Sulfur Compounds	≤ 0.002%
Heavy Metals	≤ 5ppm
Iron	≤ 5ppm
Sodium	≤ 0.005%

Approved:

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