



Certificate of Analysis

Potassium Hydrogen Phthalate ACS

Catalog Number: PH1004
Lot Number: 0917801
CAS Number: 877-24-7
Synonym(s): KHP, Phthalic acid monopotassium salt, Potassium biphthalate, Potassium hydrogen phthalate, Potassium phthalate monobasic
Molecular Formula: $C_8H_5O_4K$
Molecular Weight: 204.22
Storage: 15°C – 30°C
Date of Manufacture: February 7, 2017
Retest Date: February 6, 2022

Test	Specification	Result
Appearance	White crystals	Conforms
Assay (Dry Basis)	99.95 – 100.05%	99.98%
Identification	To pass test	Conforms
pH (0.05M)	4.00 – 4.02	4.00
Insoluble Matter	≤ 0.005%	0.003%
Chlorine Compounds	≤ 0.003%	< 0.003%
Sulfur Compounds	≤ 0.002%	< 0.002%
Heavy Metals	≤ 5ppm	< 5ppm
Iron	≤ 5ppm	< 5ppm
Sodium	≤ 0.005%	0.0035%

Approved by:

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