



**ChemPure* Brand
Chemicals**

Date: November 9, 2020

...Pure Quality

Certificate of Analysis

Potassium Hydrogen Phthalate ACS

Catalog Number:	CP-A1894D
Lot Number:	1109006CP
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:	September 5, 2020
Retest Date:	September 4, 2025

Test	Specification	Result
Appearance	White crystals	Conforms
Assay (Dry Basis)	99.95-100.05%	100.014%
Identification	To pass test	Conforms
pH (0.05M)	4.00-4.02	4.00
Insoluble Matter	≤ 0.005%	0.0025%
Chlorine Compounds	≤ 0.003%	< 0.003%
Sulfur Compounds	≤ 0.002%	< 0.002%
Heavy Metals	≤ 5ppm	< 5ppm
Iron	≤ 5ppm	< 5ppm
Sodium	≤ 0.005%	0.003%

Approved by:

John Grubb, PhD
Quality Manager

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