

Product Name: Potassium dihydrogen phosphate, ACS, 99.0% min, Thermo Scientific Chemicals
Catalog Number: 011594.A1

CAS Number: 7778-77-0
IUPAC Name: potassium dihydrogen phosphate
Molecular Formula: H₂KO₄P
Molecular Weight: 136.08
MDL Number: MFCD00011401 MFCD00147253
InChI Key: GNSKLFRGEWLPPA-UHFFFAOYSA-M
SMILES: [K+].OP(O)([O-])=O
Synonym: potassium phosphatelmonopotassium phosphatelpotassium phosphate
 monobasiclpotassium acid phosphatelmonopotassium orthophosphatelmonopotassium
 monophosphatelMKPIsorensen's potassium phosphatelmonobasic potassium
 phosphatelphosphoric acid, monopotassium salt

Product Specification

Impurity content: Na 0.005%
Assay (unspecified): 99.0% KH₂PO₄ min
Heavy Metals: (ICP-OES) 0.001%
Impurity content: SO₄ 0.003%
Insoluble material: 0.01%
Loss on Drying: at 105? 0.2%
pH: of a 5% solution 4.1-4.5 at 25?
Impurity content: Cl 0.001%
Impurity content: Fe 0.002%

Date Of Print: 05/17/2024

Product Specifications are subject to amendment and may change over time. Data contained is accurate as of the date printed.