

Product Name: Potassium dihydrogen citrate hydrate, 99% (dry basis)
Catalog Number: 044415.A3

CAS Number: 866-83-1
IUPAC Name: potassium 3,4-dicarboxy-3-hydroxybutanoate
Molecular Formula: C₆H₇KO₇
Molecular Weight: 230.21
MDL Number: MFCD00036472
InChI Key: WKZJASQVARUVAW-UHFFFAOYNA-M
SMILES: [K+].OC(=O)CC(O)(CC([O-])=O)C(O)=O
Synonym: potassium 3,4-dicarboxy-3-hydroxybutanoate

Product Specification

Appearance (Color): White
Form: Crystalline powder
Impurity content: Chloride: ≤0.002 %
Impurity content: Sodium: ≤0.05 %
Insoluble material: ≤0.005 %
Heavy Metals: (as Pb): ≤0.0005 %
Impurity content: Calcium: ≤0.005 %
Impurity content: Iron: ≤0.001 %
Impurity content: Sulfate: ≤0.005 %
Water Content: ≤18.0%
Assay from Supplier's CofA: ≥98.5 % (dried basis)
Impurity content: Phosphate: ≤0.001 %
pH: 3.5 - 4.0 (5% aq. solution)

Date Of Print: 09/24/2025

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