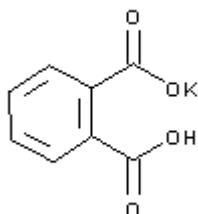
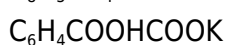




PRODUCT CODE: 241481

Potassium Hydrogen Phthalate standard for volumetry, ACS, ISO
Primary Chemical Matter



M.= 204,23

CAS [877-24-7]

EINECS 212-889-4

TARIC 2917 39 95 90

SYNONYMS: Phthalic Acid mono-Potassium Salt, Potassium Biphthalate

PHYSICAL DATA: crystalline powder, White, Soluble in water 80 g/l at 20 °C M.P.: 295 - 300 °C • pH(50 g/l)4 •

BIBLIOGRAPHY: Merck Index **12**, 7.773 13, 7.694 Safety **2**, **2904 B** • Römp **8**, **2018** • Beilstein **9**, **791 IV**, **3169** • BRN 3637128 • ACS **XI** • ISO 6353/3-1987R - 82, 55 •

HAZARDOUS:

SPECIFICATIONS:

Uncertainty

Traceability

Assay (Acidim.) (after drying at 105°C)

Identity :

Identity

See certificate

NIST

99,95-100,05%

IR passes test

pH sol. 0.05 mol/l at 25±0.2°C

4,00-4,02

Maximum limit of impurities

Insoluble matter in H₂O

0,003 %

Chloride (Cl)

0,002%

Nitrogen compounds (as N)

0,001%

Sulfur compounds (as S)

0,002 %

Chlorine compounds (as Cl)

0,003%

Heavy metals (as Pb)

0,0005%

Ca

0,001 %

Cd

0,0005 %

Co

0,0005 %

Cr

0,001 %

Cu

0,0005 %

Fe

0,0005 %

Mg

0,001 %

Mn

0,0005 %

Na

0,005 %

Ni

0,0005 %

Pb

0,0005 %

Zn

0,0005 %