

CL00.1146

ANALYT

**Potassium dihydrogen phosphate a.r.**

Kaliumdiwasserstoffphosphat z.A.  
Potasio dihidrógeno fosfato p.a.  
Potassium dihydrogène phosphate p.a.  
Kaliumdiwaterstoffosfaat p.a.  
Potasio diidrogeno fosfato p.a.

Mol weight: 136.09 g/mol  
Density: 2,34 g/cm<sup>3</sup>  
HS Nr: 28352400  
CAS Nr: 7778-77-0  
UN:  
ADR:

**For laboratory use, ACS, ISO, Ph. Eur., buffer substance**  
**99.5+% KH<sub>2</sub>PO<sub>4</sub>**

**Specifications:**

Assay	>99.5%
Loss on drying	<0.1% @ 110°C
Arsenic (As)	<0.00005%
Iron (Fe)	<0.001%
Sodium (Na)	<0.005%
Chloride (Cl)	<0.0005%
Sulfate (SO <sub>4</sub> )	<0.003%
Nitrogen (N)	<0.001%
Cadmium (Cd)	<0.0005%
Copper (Cu)	<0.0003%
Chromium (Cr)	<0.0002%
Nickel (Ni)	<0.0001%
Heavy Metals as Lead (Pb)	<0.001%
pH	: 4.2 to 4.5 (5% solution @ 25°C)
Insoluble Matter (Non Solubles)	<0.01%
Residual Solvents (Ph Eur./ICH)	: Excluded by prod. process
Identity	: passes test
Appearance	: passes test (Solution)
Reducing Substances	: passes test