

# Potassium bicarbonate

**Inchi:** InChI=1S/CH2O3.K/c2-1(3)4;/h(H2,2,3,4);/q;+1/p-1  
**InchiKey:** TYJJADVDDVDEDZ-UHFFFAOYSA-M  
**Formula:** CHKO3  
**SMILES:** O=C(O)O[K]  
**Mol. weight [g/mol]:** 100.12

## Sources

Thermodynamics of proton dissociation from aqueous bicarbonate: a first-principles study  
<https://www.doi.org/10.1016/j.jct.2003.12.008>

Influence of selected parameters on the thermal stability of amorphous bicarbonate and potassium bicarbonate  
<https://www.doi.org/10.1016/j.tca.2019.178313>

Electrical Conductivity of Electrolytes Found in Natural Waters from 0 to 90 °C  
<https://www.doi.org/10.1021/je101012n>

NIST Webbook  
<http://webbook.nist.gov/cgi/cbook.cgi?ID=B6000513&Units=SI>

Latest version available from:

<https://www.cheméo.com/cid/28-064-0/Potassium-bicarbonate.pdf>

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