

Calcium sulfate

Other names:	calcium sulfate dihydrate gypsum
Inchi:	InChI=1S/Ca.H2O4S.2H2O/c;1-5(2,3)4;;/h;(H2,1,2,3,4);2*1H2/q+2;;;/p-2
InchiKey:	PASHVRUKOFIRIK-UHFFFAOYSA-L
Formula:	CaH4O6S
SMILES:	O.O.O=S1(=O)O[Ca]O1
Mol. weight [g/mol]:	172.17

Sources

Effects of Na, Ca, Mg, and Al Chloride Salts on Dissolution and Phase Stability of Calcium Sulfate Dihydrate in Aqueous Solutions at 278.15 K to 308.15 K: Measurement and modelling of solubility for calcium sulfate dihydrate and calcium hydroxide in NaOH/KOH solutions :

<https://www.doi.org/10.1021/acs.jced.5b00005>

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=B6004671&Units=SI>

<https://www.doi.org/10.1016/j.fluid.2010.06.012>

Latest version available from:

<https://www.cheméo.com/cid/59-561-4/Calcium-sulfate.pdf>

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