

Calcium sulfate, anhydrous

Other names:	calcium sulfate calcium sulphate crysalba sulfuric acid calcium salt (1:1) sulfuric acid, calcium salt (1:1) thiolite
Inchi:	InChI=1S/Ca.H2O4S/c;1-5(2,3)4/h;(H2,1,2,3,4)/q+2;/p-2
InchiKey:	OSGAYBCDTRGGQ-UHFFFAOYSA-L
Formula:	CaO4S
SMILES:	O=S1(=O)O[Ca]O1
Mol. weight [g/mol]:	136.14
CAS:	7778-18-9

Sources

NIST Webbook: <http://webbook.nist.gov/cgi/cbook.cgi?ID=C7778189&Units=SI>

Electrical Conductivity of Electrolytes Found In Natural Waters from (5 to 90) <https://www.doi.org/10.1021/je101012n>
Investigation of Potassium Sulphate - Calcium Sulphate Binary System by Raman Spectroscopy and Mass Spectrometry: Hemihydrate, and Anhydrite in the <https://www.doi.org/10.1016/j.tca.2013.10.024>
Solid-Liquid Equilibria of $\text{H}_2\text{SO}_4 + \text{H}_2\text{O}$ Quaternary System, Ca^{2+} , Mg^{2+} , SO_4^{2-} , <https://www.doi.org/10.1021/acs.jced.5b00454>
Solubility of Calcium Sulfate Dihydrate (Gypsum) in an Aqueous <https://www.doi.org/10.1021/acs.jced.8b00385>
Continuous Equilibrium System <https://www.doi.org/10.1021/acs.jced.9b00354>
 $\text{H}_2\text{O}-\text{Al}_2\text{O}_3-\text{CaO}-\text{SO}_3$ Ammonium <https://www.doi.org/10.1016/j.fluid.2015.10.038>
Sulfate in the $\text{CaO}-\text{H}_2\text{O}$ System <https://www.doi.org/10.1021/acs.jced.9b00112>
Solubility of Calcium Sulfate Dihydrate (Gypsum) in an Aqueous <https://www.doi.org/10.1021/acs.jced.8b00723>
Sulfate in the $\text{CaO}-\text{H}_2\text{O}$ System <https://www.doi.org/10.1021/acs.jced.9b00051>
Solubility of Calcium Sulfate Dihydrate (Gypsum) in an Aqueous <https://www.doi.org/10.1021/acs.jced.8b00093>
Sulfate in the $\text{CaO}-\text{H}_2\text{O}$ System <https://www.doi.org/10.1021/acs.jced.8b00093>
Solubility of Calcium Sulfate Dihydrate (Gypsum) in an Aqueous Sodium Chloride System and Physicochemical Solution Properties at 30 deg.C.

<https://www.cheméo.com/cid/53-766-3/Calcium-sulfate-anhydrous.pdf>

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