# cobalt sulphate

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|---|---|
| **Other names:** | Cobalt sulfate |
| | cobalt(II) sulfate |
| | sulfuric acid, cobalt(2+) salt |
| **Inchi:** | InChI=1S/Co.H2O4S/c;1-5(2,3)4/h;(H2,1,2,3,4)/q+2;/p-2 |
| **InchiKey:** | KTVIXTQDYHMGHF-UHFFFAOYSA-L |
| **Formula:** | CoO4S |
| **SMILES:** | O=S(=O)([O-])[O-].[Co+2] |
| **Mol. weight [g/mol]:** | 155.00 |
| **CAS:** | 10124-43-3 |

# Sources

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|---|---|
| **Isopiestic Measurements on Aqueous Solutions of Heavy Metal Sulfates: MSO4 + H2O (M = Mn, Co, Ni, Cu, Zn). 2. 323.15 K:** | https://www.doi.org/10.1021/acs.jced.6b00046 |
| **Isopiestic Measurements on Aqueous Solutions of Heavy Metal Sulfates: MSO4 + H2O (M = Mn, Co, Ni, Cu, Zn). 1. 298.15 K:** | https://www.doi.org/10.1021/je4008475 |
| **Electrical Conductivity of Concentrated Aqueous Solutions of Divalent Metal Sulfates:** | https://www.doi.org/10.1021/je8001255 |
| **NIST Webbook:** | http://webbook.nist.gov/cgi/cbook.cgi?ID=C10124433&Units=SI |
| **Solid liquid phase equilibria in the systems K2SO4 MSO4 H2O (M= Co, Ni, Cu) from ambient to enhanced temperatures:** | https://www.doi.org/10.1016/j.fluid.2009.12.027 |
| **Partitioning of Co2+ and Mn2+ into meridianiite (MgSO4.11H2O): Ternary solubility diagrams at 270 K, cation site distribution determined by single-crystal micro-Raman, neutron diffraction and density functional theory:** | https://www.doi.org/10.1016/j.fluid.2017.01.005 |
| **Solubility Isotherms of Gypsum, Hemihydrate and Anhydrite in the Ternary Systems CaSO4 + MSO4 + H2O (M= Mn, Co, Ni, Cu, Zn) at T = 298.1 K to 373.1 K:** | https://www.doi.org/10.1021/acs.jced.5b00454 |

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