

ZnSO₄

Mw of ZnSO₄ = (65.409 + 32.065 + 15.9994*4) = 161.4716 g/mol

w of Zn = $n \cdot \text{Mw}(\text{of Zn}) / \text{Mw}(\text{of ZnSO}_4) \cdot 100\% = 1 \cdot 65.409 / 161.4716 = 40.508\%$

n - number of atoms in compound

The same for other elements in ZnSO₄ (for FeCl₂, CuO)

It was example how to calculate percent.

But there are some tables which can show you percent of element in compound. The name of that tables is " Percent composition by element "

You can find some tables in this site [http://www.convertunits.com/molarmass/ZnSO₄](http://www.convertunits.com/molarmass/ZnSO4)

Element	Symbol	Atomic Mass	# of Atoms	Mass Percent
Zinc	Zn	65.409	1	40.508%
Oxygen	O	15.9994	4	39.634%
Sulfur	S	32.065	1	19.858%

Element	Symbol	Atomic Mass	# of Atoms	Mass Percent
Copper	Cu	63.546	1	79.886%
Oxygen	O	15.9994	1	20.114%

Element	Symbol	Atomic Mass	# of Atoms	Mass Percent
Chlorine	Cl	35.453	2	55.941%
Iron	Fe	55.845	1	44.059%