**MolCalc Data Validation**

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**Correct Data:**

I chose molecules I often need to work with, specifically sodium hydroxide and water. I also looked up a more complicated molecule, tartrazine, and compared the GUI output with the molecular mass on PubChem (<https://pubchem.ncbi.nlm.nih.gov/compound/164825>). It calculated these correctly:

A screenshot of a computer

Description automatically generated

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**Error message validation:**

I made sure that error messages would be displayed if the incorrect information was entered into the Atomic Symbol input box. I used a lowercase version of an atomic symbol:

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