

For one consumer product, identify four organic compounds that are ingredients in that product. For each compound, complete the table below. Cite all references used on the bottom or on the back of this page.

Product Identity: _____

Compound Name	Molecular Formula	Structure	Functional Groups Present (Note location in structure)	Use
Citric Acid	C ₆ H ₈ O ₇	$ \begin{array}{c} \text{HOOC} \\ \\ \text{HOOC}-\text{CH}_2-\text{C}-\text{CH}_2-\text{COOH} \\ \\ \text{HO} \end{array} $	Alcohol, Carboxylic Acid	Beverage acidifier, flavoring.
1.				
2.				
3.				
4.				

References: