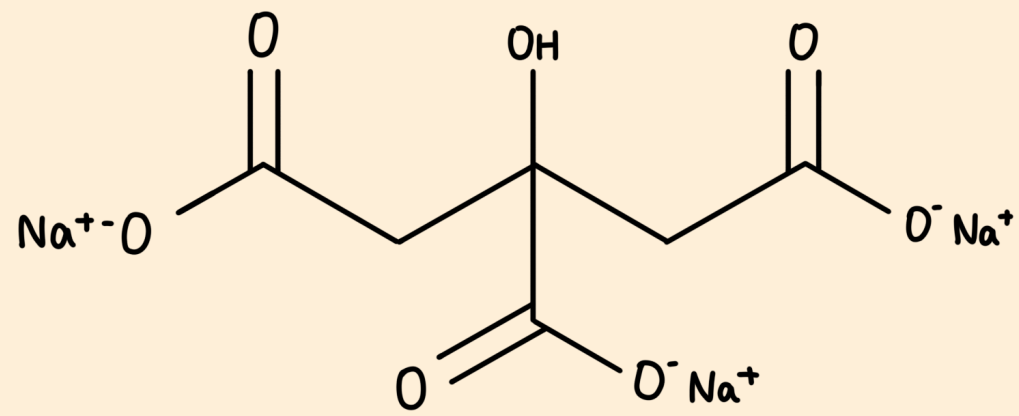




Trisodium Citrate



Effects on the Body

- can cause:
 - rashes
 - itching and swelling of the face, throat, and tongue
- can cause
 - metabolic alkalosis (excess of bicarbonate)
 - stomach pain
 - vomiting

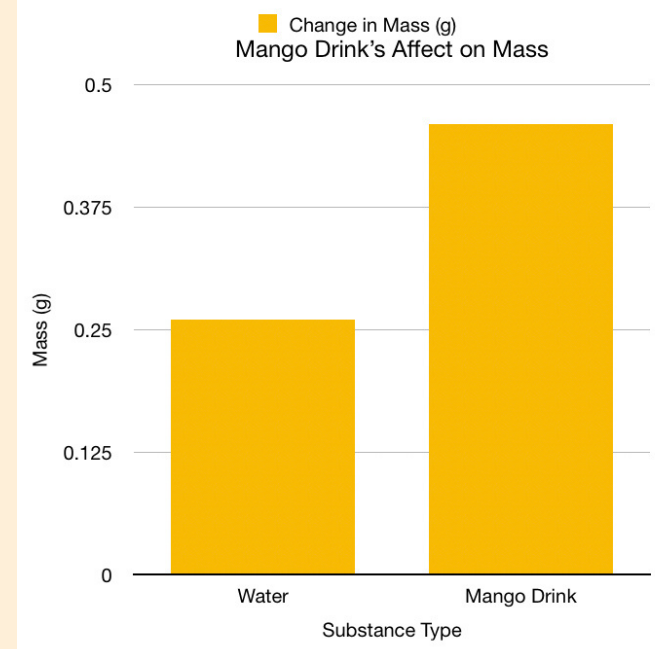


- prevents clotting
- reduces blood calcium
- increases blood sodium
- Makes urine less acidic

Data

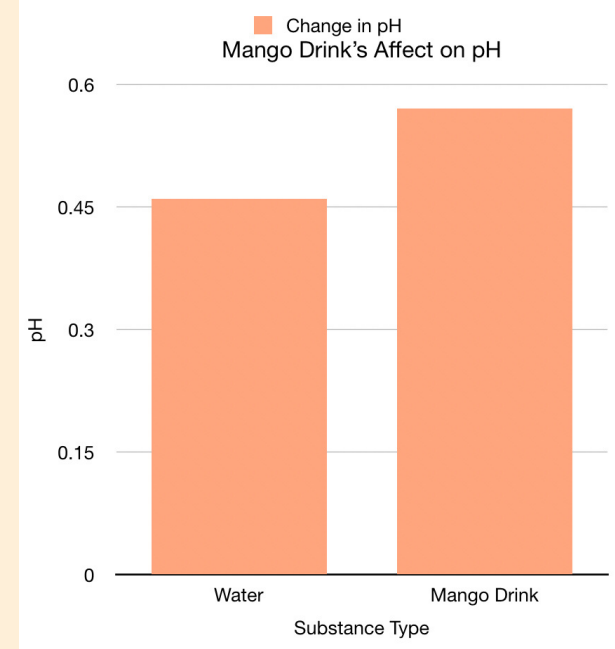
Mass

Mass	
	Change in Mass (g)
Water	0.26
Mango Drink	0.46



pH

pH	
	Change in pH
Water	0.46
Mango Drink	0.57



Analysis & Research

Trisodium Citrate (Na₃C₆H₅O₇) is used in the food industry as a flavor enhancer and preservative. It is what gives many sodas their sour and slightly salty taste. When used in foods, it is highly unlikely to cause any adverse effects, as amounts used are very small.

In the tissue, trisodium citrate was absorbed and caused the pH and mass to increase.