



**IMMUNITY & ENERGY  
BOOSTER**

# Zing SYRUP

For Growth & Appetite

## PROPERTIES:

### BOOSTS

ENERGY



IMMUNITY



MEMORY



GROWTH



## DESCRIPTION:

Zing syrup is a powerpack full nutritional formula with all essential vitamins and minerals to promote growth and energy. It has additional benefits of choline & inositol to support brain health. It tones up the digestive system by providing the synergistic effects of all vitamins and minerals. It serves as a potent antioxidant and immune booster syrup.

## INDICATIONS:

General weakness



Anemia



Memory problems



Suppressed appetite



Nutritional deficiency



Bone deformities



Dull skin and hair



Poor growth





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## ROLE OF INGREDIENTS:

- Vitamin A improves vision and acts as a powerful antioxidant.
- Vitamin D3 supports bone health and reduces risk of fractures.
- Zinc and Vitamin B1 improves appetite and growth.
- Iron and Vitamin B12 prevents iron deficiency and blood loss.
- Choline and B complex vitamins boost memory and cognitive functions.
- Folic acid protects brain development and general weakness.
- Inositol helps with the production of neurotransmitters like dopamine and serotonin which are important for mood and emotional regulation
- Selenium, Vitamin C and E acts as a potent antioxidant.
- Chromium maintains blood sugar level and weight.

## MAJOR EFFECTS OF ZING SYRUP:

### ANTI-OXIDANT:

Vitamin C, E, A  
Zinc, Selenium & Manganese

### IMMUNITY BOOSTERS:

Vitamin A,C,E,D  
Folic acid, Selenium, Zinc

### ENERGY & VITALITY:

Vitamin B1,B2,B3,B6,B12  
Vitamin C, E, D3

### GROWTH BOOSTERS:

Vitamin D,Vitamin B1,Vitamin B2,  
Vitamin C  
Calcium, Zinc

## COMBINED EFFECTS OF ALL MULTI VITAMINS AND MINERALS:

- Vitamin E and C exerts synergistic effects due to their antioxidant activity. Vitamin E aids in stabilization of cell membranes.
- Vitamin B6 enhances the absorption of zinc.
- Vitamin B1, B2, B3 and B5 are synergists to vitamin A.
- Vitamin C helps keep folate in its reduced and active form & also increases the absorption of iron.

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## EFFECTS OF ZING SYRUP ON OVERALL HEALTH:

### FATTY LIVER DISEASE:<sup>1</sup>

#### CHOLINE AND INOSITOL FOR FATTY LIVER DISEASE?



**Choline** is an essential nutrient that plays a significant role in supporting brain health, brain development, nervous system development, and fortifying the membrane of every cell throughout the body.



**Inositol**, also called *myo-inositol*, is a carbohydrate compound that is produced naturally in the body and is also found in many plant foods like fruit and nuts.

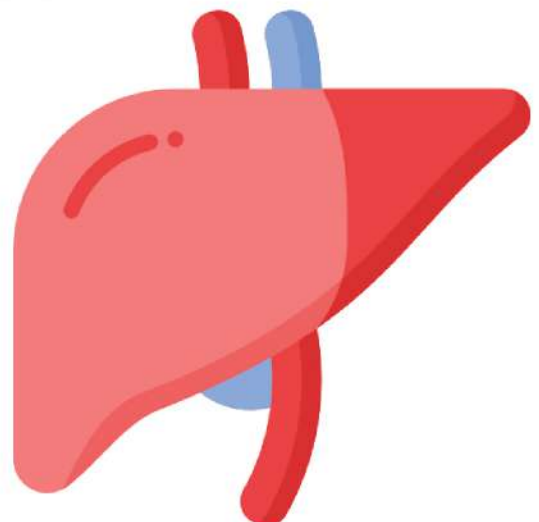
**Choline** and **Inositol** are often combined in supplement form. Research shows that Inositol and Choline may play a role in decreasing fat accumulation in the liver

### HOW CHOLINE DEFICIENCY AFFECTS THE LIVER ACCORDING TO RESEARCH

It leads to abnormalities in fat metabolism in the liver, which may contribute to patterns of lipid accumulation that are characteristic of fatty liver disease.

It causes inefficient functioning of cellular mitochondria, the components of cells that are responsible for producing energy. Abnormalities in mitochondrial function and ER contribute to inflammation that fuels nonalcoholic fatty liver disease.

However, the argument for choline supplementation to reverse fatty liver disease is not so clear cut.





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## COMMON COLD AND FLU:<sup>2</sup>

- Pauling in 1970 suggested that vitamin C can be used for the treatment of common cold.. The use of vitamin C might reduce the duration of common cold due to its anti-histamine effect of high dose of vitamin C.
- One study showed that zinc shortened the duration of cold symptoms by an average of two days compared with a placebo.

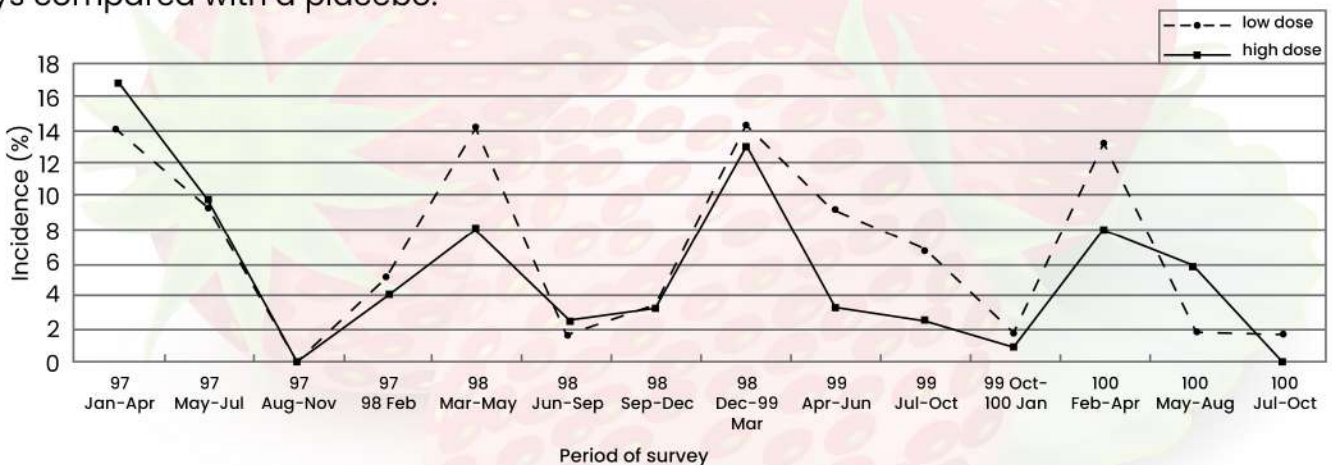


Figure 2 Common cold incidence, by supplementation group, during vitamin C supplementation.

The incidence (%) of the common cold during the supplementation period for those who completed the supplementation is shown in Figure 2. For most of the survey period, the incidence of the common cold was higher in the low-dose than in the high-dose group.

## BRAIN HEALTH:<sup>3</sup>

- Thiamin plays a key role in the maintenance of brain function. Folic acid has anti-inflammatory and memory-enhancing properties. Vitamin C has a significant role in modulating neurotransmitter synthesis and release in the brain. Vitamin C deficiency has been associated with depression and cognitive impairment.

## EYE HEALTH:<sup>4</sup>

- Researchers have linked eye-friendly nutrients, Vitamin C, Vitamin E and Zinc, to reduce the risk of certain serious eye diseases like age-related macular degeneration and cataracts. Vitamin E protects cells in the eyes from unstable molecules which break down healthy tissue. Impaired vision, such as poor night vision and cloudy cataracts, has been linked to zinc deficiency.

## BONE HEALTH:<sup>5</sup>

- Calcium, vitamin D and magnesium are key bone health nutrients. Magnesium allows for proper calcium and vitamin D regulation. Vitamin A influences osteoblasts and osteoclasts. Zinc mineralizes bone and stabilizes receptor proteins for vitamin D. Vitamin C is essential for collagen formation. Vitamin B12 appears to influence bone-building cells.

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## COMPOSITION:

Each 5 ml contains:

- |                         |           |                           |           |
|-------------------------|-----------|---------------------------|-----------|
| • Vitamin A (USP).....  | 850 IU    | • Pantothenic Acid: ..... | 3.50 mg   |
| • Vitamin C (USP).....  | 67.50 mg  | • Calcium: .....          | 27.50 mg  |
| • Vitamin D3 (USP)..... | 137.5 IU  | • Iodine: .....           | 25.00 mcg |
| • Vitamin E: .....      | 10.00 IU  | • Magnesium: .....        | 7.5 mg    |
| • Thiamine: .....       | 1.00 mg   | • Zinc: .....             | 2.5 mg    |
| • Riboflavin: .....     | 1.00 mg   | • Selenium: .....         | 17.5 mcg  |
| • Niacin: .....         | 5.00 mg   | • Manganese: .....        | 7.5 mg    |
| • Vitamin B6: .....     | 1.00 mg   | • Chromium: .....         | 3.5 mcg   |
| • Folic acid: .....     | 67.5 mcg  | • Potassium: .....        | 7.5 mg    |
| • Vitamin B12: .....    | 3.00 mcg  | • Inositol: .....         | 10.00 mg  |
| • Biotin: .....         | 32.50 mcg | • Choline Bitrate: .....  | 10.00 mg  |

## DOSAGE:

For children:

- 2 teaspoons twice a day or as directed by the physician.

For adults:

- 1 tablespoon 3 times a day or as directed by the physician.

## PRESENTATION:

- Available in 120 ml Amber Pet Bottle Syrup Pack.

