

Brand Name: VITA-4G DROPS

Composition: multivitamin & multimineral drops

Dosage Form: DROPS

Category: Pediatric Multivitamin & Multimineral Supplement

Packaging Type: HDPE

Packaging: 30 ml

Brief Product Introduction:

VITA-4G Drops is a broad-spectrum pediatric multivitamin and multimineral supplement tailored for infants and young children. Manufactured by **AstraEureka Pharmaceutical**, a trusted **manufacturer of multivitamin and multimineral composition**, it provides essential micronutrients required for healthy growth, development, and immunity. It helps bridge nutritional gaps in early childhood, especially during periods of rapid growth, illness recovery, or poor dietary intake.

Composition:

Each ml contains:

- Vitamin A (as Palmitate).....1500 I.U.
- Vitamin B1 (as Thiamine HCl).....1 mg
- Vitamin B2 (as Riboflavin).....1 mg
- Vitamin B6 (as Pyridoxine).....0.5 mg
- Vitamin B12 (as Cyanocobalamin).....1 mcg
- Vitamin C (as Ascorbic Acid).....20 mg
- Vitamin D3 (as Cholecalciferol).....200 I.U.
- Vitamin E (as Tocopherol).....5 mcg
- Folic Acid.....10 mcg
- Zinc Sulphate.....2 mg
- Magnesium Sulphate.....0.7 mg
- Copper Sulphate.....60 mcg
- Potassium (as Potassium Iodide).....14 mcg
- Manganese Sulphate.....10 mcg
- Sodium (as Sodium Molybdate).....10 mcg
- Iodine (as Potassium Iodide).....45 mcg
- Choline Chloride.....2.5 mg
- Molybdenum (as Sodium Molybdate).....40 mcg
- Biotin.....5 mcg
- Niacinamide.....4 mg
- D-Panthenol.....3 mg
- Flavoured Syrupy Base.....q.s.

Key Ingredients:

- **Vitamin A, D3, E, C** – Essential for immunity, vision, skin health, and bone strength.
- **Vitamin B-complex group (B1, B2, B6, B12, Niacinamide, Folic Acid, Biotin, D-Panthenol)** – Support nervous system, metabolism, and red blood cell formation.
- **Minerals (Zinc, Copper, Magnesium, Manganese, Iodine, Potassium, Molybdenum, Sodium)** – Important for enzyme activation, immune function, and hormonal regulation.
- **Choline Chloride** – Supports brain development and liver function.

Key Benefits:

1. Supports **physical and mental growth** in children.
2. Boosts **immunity and resistance** to infections.
3. Helps in **cognitive development** and **neurological function**.
4. Prevents and manages **micronutrient deficiencies**.
5. Enhances **bone health, vision, and skin integrity**.
6. Improves **appetite, energy metabolism, and overall wellness**.

Indications:

1. Nutritional deficiencies in growing children.
2. Poor appetite or fussy eating habits.
3. Growth delays or developmental concerns.
4. Frequent infections or low immunity.
5. Post-illness recovery and convalescence.
6. Supplement during deworming, vaccination, or antibiotic therapy.

Directions for Use:

1. Shake the bottle well before each use.
2. Use the calibrated dropper provided for accurate dosing.
3. Can be administered directly into the mouth or mixed with milk or water.
4. Follow dosing instructions as prescribed by the paediatrician.

Doses and Administration:

1. **Infants (0–12 months):** 0.5 ml to 1 ml once daily.
2. **Children (1–5 years):** 1 ml to 2 ml once daily.
3. Do not exceed the recommended dose unless advised by a healthcare provider.
4. Duration of supplementation should be based on clinical need.

Safety Information:

1. For **oral use only**.
2. To be used under medical supervision.
3. Ensure hygienic handling of the dropper.
4. Do not use if the child is allergic to any component.
5. Keep out of reach of children when not in use.

Mechanism of Action:

- The vitamins and minerals in **VITA-4G** contribute to essential biochemical and physiological processes:
- **Vitamin A** aids in vision, immune function, and skin maintenance.
- **Vitamin D3** enhances calcium absorption and bone mineralization.
- **Vitamin C** supports collagen synthesis and enhances iron absorption.
- **B-complex vitamins** help convert food into energy, maintain nerve function, and support hematopoiesis.
- **Zinc, iodine, selenium, and manganese** act as cofactors for enzymes that regulate growth, metabolism, and immunity.
- **Choline and biotin** are important for brain development, liver health, and cellular function.

The balanced combination ensures optimal support for the growing child's nutritional needs.

Contraindications:

1. Known hypersensitivity to any of the formulation ingredients.
2. Pre-existing hypervitaminosis (especially A or D).
3. Conditions where specific mineral intake is restricted (e.g., Wilson's disease for copper).

Side Effects:

1. Rare and usually mild
2. Possible gastrointestinal disturbances (nausea, gas, or mild abdominal pain).
3. Allergic reactions like rash or itching in sensitive individuals.
4. Darkening of stool due to iron and minerals (harmless).

Important Notice:

- This is a **nutritional supplement**, not a replacement for a healthy diet.
- Should not be used as a substitute for breastfeeding or infant formula.
- Avoid using with other multivitamin preparations unless advised.
- Discontinue use if hypersensitivity symptoms occur.

- Always check the expiry date before use.

Storage Condition:

1. Store in a **cool, dry place below 25°C.**
2. Protect from **light and moisture.**
3. Do not freeze.
4. Once opened, use within the advised period on label.

Packing Information:

- Packed in a **30 ml HDPE bottle** with child-safe cap and calibrated dropper.

