

Brand Name: D-CAL PLUS SUSPENSION

Composition: suspension of calcium with vitamin D3 & B12

Dosage Form: Suspension

Category: Nutritional Supplement / Bone Health Support

Packaging Type: PET BOTTLE With Outer box

Packaging: 200 ml

Brief Product Introduction:

D-CAL PLUS SUSPENSION is a scientifically balanced nutritional supplement manufactured by **AstraEureka Pharmaceutical**. It combines the essential micronutrients calcium, vitamin D3, and vitamin B12 in a pleasant-tasting syrup formulation to support bone health, calcium absorption, and overall vitality. This easy-to-administer liquid formula is ideal for children, adults, and elderly individuals with calcium or vitamin D deficiencies, poor dietary intake, or increased nutritional requirements.

Composition:

Each 5 ml contains (Approximate Values):

- Calcium Phosphate
equivalent to Elemental Calcium.....82 mg
- Cholecalciferol (Vitamin D3).....400 IU (100% RDA)
- Cyanocobalamin (Vitamin B12).....1 mcg (100% RDA)
- Flavoured Syrup Base.....Q.S

Nutritional Information per 5 ml:

- Energy.....6.60 Kcal
- Carbohydrate.....1.65 g
- Protein.....0.0 g
- Fat.....0.0 g

Key Ingredients:

1. **Calcium Phosphate (Elemental Calcium):** Supports bone density and skeletal strength, essential for muscle contraction and nerve transmission.
2. **Cholecalciferol (Vitamin D3):** Enhances intestinal absorption of calcium and phosphorus, vital for bone mineralization and immune support.
3. **Cyanocobalamin (Vitamin B12):** Essential for red blood cell formation, neurological function, and energy metabolism.
4. **Flavoured Syrup Base & Erythrosine:** Improves palatability and appearance, especially for pediatric use.

Key Benefits:

- Promotes healthy bone and teeth development
- Supports calcium absorption and bone mineralization
- Helps prevent and manage calcium and vitamin D3 deficiencies
- Aids in the treatment of rickets, osteomalacia, and osteoporosis
- Provides complete support for nerve function and red blood cell production
- Suitable for growing children, pregnant/lactating women, and the elderly

Indications:

- Calcium and Vitamin D3 deficiency
- Rickets and Osteomalacia
- Osteoporosis and bone demineralization disorders
- Pregnancy and lactation
- Growth phases in children and adolescents
- Postmenopausal women and geriatric patients
- General nutritional supplementation

Directions for Use:

- Shake well before use
- Use a measuring cup or spoon for accurate dosing
- Can be taken directly or mixed with water or juice if required

Doses and Administration:

- **Children (1-12 years):** 5 ml once or twice daily or as directed by a physician
- **Adults:** 10 ml once or twice daily or as advised by healthcare provider
- **Pregnant or Lactating Women:** 10 ml daily or as per medical recommendation
- Dosage may vary based on individual nutritional needs

Safety Information:

- Do not exceed the recommended dose
- For oral administration only
- Keep out of reach of children
- If any allergic reaction occurs, discontinue use and consult a physician
- Safe for long-term use under medical supervision

Mechanism of Action:

- D-CAL PLUS SUSPENSION works by restoring and maintaining essential nutrients for bone health and metabolic function.

- Calcium is necessary for strong bone matrix formation, while vitamin D3 facilitates its absorption from the intestine and supports calcium-phosphate balance in the blood.
- Vitamin B12 contributes to the formation of healthy red blood cells and supports neurological health.
- This combination ensures comprehensive musculoskeletal and systemic support.

Contraindications:

- Hypersensitivity to any component of the formulation
- Hypercalcemia or conditions causing high calcium levels
- Severe renal impairment without medical supervision
- Not suitable for individuals on vitamin D or calcium-restricted diets without physician approval

Side Effects:

- Mild gastrointestinal disturbances such as bloating or constipation (rare)
- Hypercalcemia with long-term overdose
- Allergic reactions in sensitive individuals (rare)

Important Notice:

- D-CAL PLUS SUSPENSION is a dietary supplement and not a substitute for a varied and balanced diet.
- Always follow dosage as directed by a qualified healthcare provider.
- Not intended for therapeutic use unless advised.

Storage Condition:

- Store in a cool, dry place below 25°C
- Protect from light and moisture
- Keep the bottle tightly closed after use
- Use within 30 days of opening

Packing Information:

- Primary Packaging: PET Bottle with Outer box
- Pack Size: 200 ml
- Supplied with measuring cup