

Brand Name: D-CAL CC

Composition: Coral Calcium & Vitamin D3 Tablet

Dosage Form: Tablets

Category: Calcium Supplement / Bone Health Support

Packaging Type: BLISTER

Packaging: 15 x 10

Brief Product Introduction:

D-CAL CC, manufactured by **AstraEureka Pharmaceutical**, a recognized **manufacturer of Coral Calcium and Vitamin D3 composition**, is a balanced supplement designed to promote optimal bone health, calcium absorption, and overall skeletal strength. It contains **Coral Calcium 250 mg**, a natural source of bioavailable calcium with trace minerals, and **Vitamin D3 1000 IU**, essential for efficient calcium metabolism. D-CAL CC supports bone mineral density, prevents osteoporosis, and is ideal for individuals with calcium or vitamin D deficiency, menopausal women, elderly patients, and growing adolescents. Its film-coated form ensures easy swallowing and minimal gastric irritation. Regular supplementation with D-CAL CC helps maintain strong bones, prevent fractures, and support healthy muscle function, especially in populations with increased nutritional demand or poor dietary intake.

Composition:

Each film-coated tablet contains:

Coral Calcium.....250 mg.

Vitamin D3 (Cholecalciferol).....1000 IU.

Excipients.....q.s.

Key Benefits:

1. Improves calcium absorption and retention in bones
2. Supports bone strength and density
3. Helps prevent osteoporosis and fractures
4. Aids muscle function and neuromuscular health
5. Natural calcium source with trace minerals

Indications:

1. Calcium and Vitamin D deficiency
2. Osteopenia and osteoporosis
3. Postmenopausal bone health support
4. Growth phase in adolescents
5. Elderly patients at risk of bone loss
6. Muscle weakness due to hypocalcemia

Directions for Use:

1. Take one tablet daily or as directed by a physician
2. Preferably taken after meals with water
3. Do not chew or crush the tablet

Dosage and Administration:

- **Adults:** 1 tablet once or twice daily based on deficiency or need
- **Children (above 12 years):** As advised by a healthcare provider
- Duration of use depends on clinical condition and nutritional requirement

Safety Information:

1. Use under medical supervision in patients with kidney stones or renal disorders
2. Avoid in hypercalcemia or hypervitaminosis D
3. Do not exceed recommended daily intake
4. Long-term use may require monitoring of serum calcium and vitamin D levels

Mechanism of Action:

- **Coral Calcium** provides elemental calcium and trace minerals such as magnesium, which are essential for bone mineralization.
- **Vitamin D3 (Cholecalciferol)** enhances intestinal absorption of calcium and phosphate, regulates calcium homeostasis, and supports bone remodeling. Together, they help in forming and maintaining healthy bones and teeth, reducing the risk of osteoporosis and calcium-related muscle cramps.

Contraindications:

1. Hypersensitivity to any component of the formulation
2. Hypercalcemia or hypercalciuria
3. Severe renal impairment or nephrolithiasis
4. Sarcoidosis or other granulomatous disorders

Side Effects:

1. Mild gastrointestinal upset, bloating, or constipation
2. Hypercalcemia (with prolonged excessive intake)
3. Nausea, vomiting, or headache (rare)

Important Notice:

1. Should not be used as a substitute for a varied diet
2. Maintain adequate hydration during use
3. Avoid co-administration with high-dose iron or tetracyclines (space 2 hrs apart)

Storage Condition:

1. Store in a cool, dry place below 25°C
2. Protect from moisture and direct sunlight
3. Keep out of reach of children

Packing Information:

- Each strip contains 15 film-coated tablets
- Packed in BLISTER Pack, 15 x 10 tablets per box

