

# Thyronim®



## Thyronim®

Each uncoated tablet contains

### Composition

Thyroxine Sodium IP

equivalent to anhydrous Thyroxine Sodium IP.....100 mcg

(Synthetic Thyroid Hormones)

Colour : Quinoline Yellow WS

### Indications

Hypothyroidism, Cretinism, non-toxic goitre, myxoedema, coma.

### Description

Thyroid hormone drugs are natural or synthetic preparations containing tetraiodothyronine (T4, levothyroxine) sodium or triiodothyronine (T3, liothyronine) sodium or both. T4 and T3 are produced in the human thyroid gland by the iodination and coupling of the amino acid tyrosine. T4 contains four iodine atoms and is formed by the coupling of two molecules of diiodotyrosine (DIT). T3 contains three atoms of iodine and is formed by the coupling of one molecule of DIT with one molecule of monoiodotyrosine (MIT). Both hormones are stored in the thyroid colloid as thyroglobulin and released into the circulation. The major source of T3 has been shown to be peripheral deiodination of T4. T3 is bound less firmly than T4 in the serum, enters peripheral tissues more readily, and binds to specific nuclear receptor(s) to initiate hormonal, metabolic effects. T4 is the prohormone which is deiodinated to T3 for hormone activity.

### Contraindications

Thyroid hormone preparations are generally contraindicated in patients with diagnosed but as yet uncorrected adrenal cortical insufficiency or untreated thyrotoxicosis. Thyroid hormone preparations are also generally contraindicated in patients with hypersensitivity to any of the active or extraneous constituents of these preparations; however, there is no well-documented evidence in the literature of true allergic or idiosyncratic reactions to thyroid hormone.

### Dosage

As per the physician's advice.

### Presentations

100 tablets



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Note : This product information is intended only for residents of the India. Taj Pharmaceuticals Limited, medicines help to treat and prevent a range of conditions—from the most common to the most challenging—for people around the world.

### Information for Health Care Professionals

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