

Brand Name: LOYOTA-500

Composition: Levetiracetam I.P. 500 mg

Dosage Form: Tablets

Category: Antiepileptic / Anticonvulsant

Packaging Type: BLISTER

Packaging: 10 × 10 TABLETS

Brief Product Information:

LOYOTA-500 is an antiepileptic formulation manufactured by **AstraEureka Pharmaceuticals**, a trusted manufacturer of composition containing Levetiracetam I.P. 500 mg. It is indicated for the treatment of partial-onset seizures, myoclonic seizures, and generalized tonic-clonic seizures in adults and adolescents. Levetiracetam acts on synaptic vesicle protein SV2A to modulate neurotransmitter release, stabilizing electrical activity in the brain. LOYOTA-500 is known for its rapid onset, favorable safety profile, and low risk of drug interactions. The recommended dose is individualized, usually starting with 500 mg twice daily and adjusted by the physician.

Composition:

Each Film-coated tablet contains:

Levetiracetam I.P.....500 mg

Key Benefits:

1. Effective in controlling multiple seizure types.
2. Rapid onset of action.
3. Well-tolerated and suitable for long-term therapy.
4. Minimal drug-drug interactions.

Indications:

1. Partial-onset seizures
2. Myoclonic seizures
3. Generalized tonic-clonic seizures
4. Adjunctive therapy in epilepsy

Directions for Use:

1. To be taken orally with water
2. Can be taken with or without food
3. Do not crush or chew the tablet

Doses and Administration:

1. Adults: Usually 500 mg twice daily
 - Dose may be adjusted up to 3000 mg/day based on response
 - Dose adjustment required in renal impairment

Safety Information:

1. Regular monitoring in renal dysfunction recommended
2. Not to be stopped abruptly
3. Use caution in patients with psychiatric history
4. Avoid alcohol while on therapy

Mechanism of Action:

- **Levetiracetam** binds to synaptic vesicle protein SV2A in the brain, modulating neurotransmitter release and reducing neuronal hyperexcitability.
- This action stabilizes brain activity and helps prevent seizure episodes without significant sedative effects.

Contraindications:

1. Hypersensitivity to Levetiracetam or any excipient
2. Severe renal impairment without dose adjustment

Side Effects:

1. Drowsiness
2. Dizziness
3. Behavioral changes (irritability, agitation)
4. Fatigue

Important Notice:

- Not for emergency seizure management
- Therapy should be continued under medical supervision
- Gradual dose tapering is recommended when discontinuing

Storage Condition:

1. Store below 25°C.
2. Keep in original blister pack.
3. Protect from light and moisture.
4. Keep out of reach of children.

Packing Information:

- Blister packaging for protection and convenience.
- Each tablet securely packed to maintain shelf life and quality.
- 10 × 10 tablets.

