

MelaXend™

Precision-Release Melatonin for Uninterrupted Sleep

MelaXend changes the mechanics of sleep using advanced sustained release technology engineered to match your body's natural circadian rhythm.

Avoiding an excessive, unmetered "dose dump" late in the sleep cycle, users wake up with clear cognitive function, alert reflexes, and zero residual daytime drowsiness.

MelaXend™

- Controlled release delivery
- Gradual Melatonin release
- Extended Sleep Duration & Maintenance

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Conventional Melatonin

- Immediate Absorption
- Rapid spike & Sharp Drop-off
- Tossing and turning at bedtime

GMO · VEGAN · HALAL · KOSHER

INSTANT DRINK · GUMMIES · STICKS · FREEZE DRIED · CAPSULE · TABLET · BARS · POWDER

Benefits of MelaXend™

Better Sleep Quality

Sleep Initiation

Regulates Circadian Rhythm

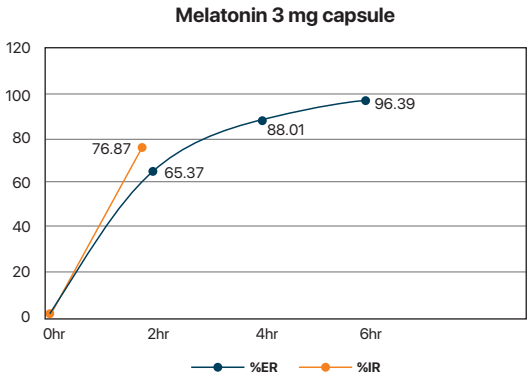
Zero Morning Grogginess

Mitigation of Nocturnal Awakenings

Engineered Dual-Action Matrix

Clinical Pharmacokinetics

An Open-Label, Balanced, Randomized, Single-Dose, Two-Treatment, Two-Sequence, Two-Period, Two-Way Crossover Oral Pharmacokinetic (PK) Study comparing Melatonin SR (Sustained-Release) with Melatonin IR (Immediate-Release) in healthy participants has been initiated.



MelaXend SR Release Profile - Dissolution Test (Assay by HPLC)	
Time Points	**Targeted Release**
2-hour	NLT 50%
4-hour	NLT 70%
6-hour	NLT 85%

The clinical data robustly supports Melatonin in sustained-release matrix continuously secretes melatonin over a 6-to-8-hour window, mimicking the body's natural nocturnal endocrine profile to extend total sleep time.

DOSE
3mg

Standardisation
NLT 3 mg w/w Melatonin (By HPLC)

Active Release
Upto 6 – 8 hours

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