



SHANGHAI FREEMEN CHEMICALS CO.,LTD.

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Product: **Melatonin**

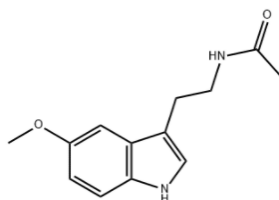
Melatonin is White to off white powder, Melatonin is a hormone body makes to grow and develop. It also controls the cycle of being asleep and awake. Small amounts of melatonin are found in fruits, nuts, olive oil, and wine

Alias: Melatonine; N-Acetyl-5-methoxy tryptamine; Melatonin; N-[2-(5-Methoxy-1H-indol-3-yl)ethyl]acetamide; primex; Melovine; MLT; N-acetyl-5-methoxytryptamine;

Circadin; Acetamide

CAS No: **73-31-4**

Molecule structure



Specifications:

Appearance: White to off white powder

Odor: Characteristic

Assay $\geq 99\%$

Loss on drying $\leq 0.2\%$

Bulk Density ≥ 0.35 g/ml

Tap Density ≥ 0.45 g/ml

Impurities $\leq 1.0\%$

Ethyl Acetate ≤ 3000 ppm

Acetic Acid ≤ 3000 ppm

Ethanol ≤ 500 ppm

Prop. 65 Meet the requirements

Peak E Meet the requirements

Lead ≤ 0.2 ppm

Total Plate Count ≤ 1000 cfu/g

Aflatoxins : Not Detected

Mold & Yeast ≤ 1000 cfu/g

E.coli: Negative

Coliforms ≤ 10 cfu/g

Salmonella Negative

Packing & Delivery : 25KG/DRUM

Application

☒ Used in biochemical research.

☒ Nutritional supplements, flavoring and flavoring agents.

☒ Used as a medicine for alimentary ulcer. In addition, it can be used as an improver of brain function and to treat alcoholism