

SPECIFICATION

Melatonin

Parameters	Specification
CAS Number	73-31-4
Appearance	White crystalline solid
Molecular Formula	C ₁₃ H ₁₆ N ₂ O ₂
Molecular Weight	232.28 g/mol
Boiling Point	360 °C
Melting Point	117 °C
Flash Point	168 °C
Purity	99-99%
Refractive Index	1.57
Solubility	Soluble in ethanol and methanol, sparingly soluble in water
Uses	Used in pharmacological research and sleep-related studies, dietary supplement in some regions