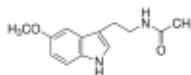


Certificate of Analysis

Product Name:

Melatonin - powder, ≥98% (TLC)

Product Number: M5250
Batch Number: WXB6422V
Brand: SIGMA
CAS Number: 73-31-4
Formula: C₁₃H₁₆N₂O₂
Formula Weight: 232,28 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 17 JUN 2025



Test	Specification	Result
Appearance (Colour)	White to Off-White	Off-White
Appearance (Form)	Powder	Powder
Solubility (Colour)	Colorless to Faint Yellow to Faint Brown	Very Faint Brown
Solubility (Turbidity)	Clear to Very Slightly Hazy	Clear
50 mg/ml, EtOH		
Carbon	65.9 - 68.6 %	67.1 %
Nitrogen	11.8 - 12.4 %	11.9 %
Purity (TLC)	≥ 98 %	100 %

Kang Chen
Quality Manager
Wuxi, China CN

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

