

3050 Spruce Street, Saint Louis, MO 63103, USA

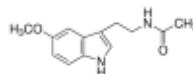
Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:

Melatonin - powder, ≥98% (TLC)

Product Number: M5250
Batch Number: SLCC7825
Brand: SIGMA
CAS Number: 73-31-4
MDL Number: MFCD00005655
Formula: C₁₃H₁₆N₂O₂
Formula Weight: 232.28 g/mol
Storage Temperature: Store at -20 °C
Quality Release Date: 28 JUN 2019



Test	Specification	Result
Appearance (Color)	White to Off-White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	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 %	67.4 %
Nitrogen	11.8 - 12.4 %	11.9 %
Purity (TLC)	≥ 98 %	99 %

Carolyn Baird, Supervisor
Quality Assurance
St. Louis, Missouri US

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.