

Certificate of Analysis

Date of Testing: 2022-03-24 14:44:32
Date of Next Testing: 2025-03-23 14:44:32
Product Name: **Melatonin**
CAS Number: 73-31-4
Specifications & Purity: 98%
Lot #: C2208304
SKU #: **M118674**
Analysis: **062767**
Storage Temperature: Store at -20°C, Argon charged

| Parameter | Limit Values | Result |
|--------------------------|---|---|
| Purity(total nitrogen) | 97.5-102.5 (%) | 100.50 % |
| Melting point | 117-120 (°C) | 119.86000 °C |
| Purity(HPLC) | 98-100 (%) | 99.05200 % |
| Appearance (M118674) | white to light brown powder or crystals | white to light brown powder or crystals |
| Solubility in MeOH | almost transparency | almost transparency |
| Proton NMR spectrum | Conforms to structure | Conforms to Structure |



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QA & QC Manager