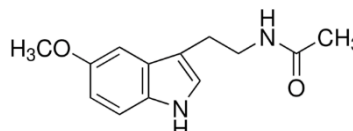


Product Specification

Product Name:

Melatonin **PurCert Secondary Reference Standard (CRM)**
[Includes all characterization data]

Product No.: PSR42244
Brand: PureSynth
CAS No.: 73-31-4
Molecular Formula: C₁₃H₁₆N₂O₂
Molecular Weight: 232.28 g/mol



Test	Specification
Appearance	White Powder
Assay (By HPLC)	≥ 98.0 %
Water (By KF)	NMT 0.500 %
Potency	-
Density	1.108 - 1.112 g/cm ³
Identification by ¹ H-NMR	Conforms to structure
Identification by Mass	Conforms to Molecular mass
Identification by IR	Conforms to structure

***Traceable to USP Reference Standard 1380105, LOT NO: R127G0.**

Specification: PC-1.0-QA/1182

The information represented here may/may not represent the entire product specification and application recommended by PureSynth Research Chemicals. This information is for the user scientists or trading community as a guide in their applications. The company claims no liability for misuse resulting due to wrong usage of the information above.

For queries on this Specifications, please contact our technical team at technical@pure-synth.com