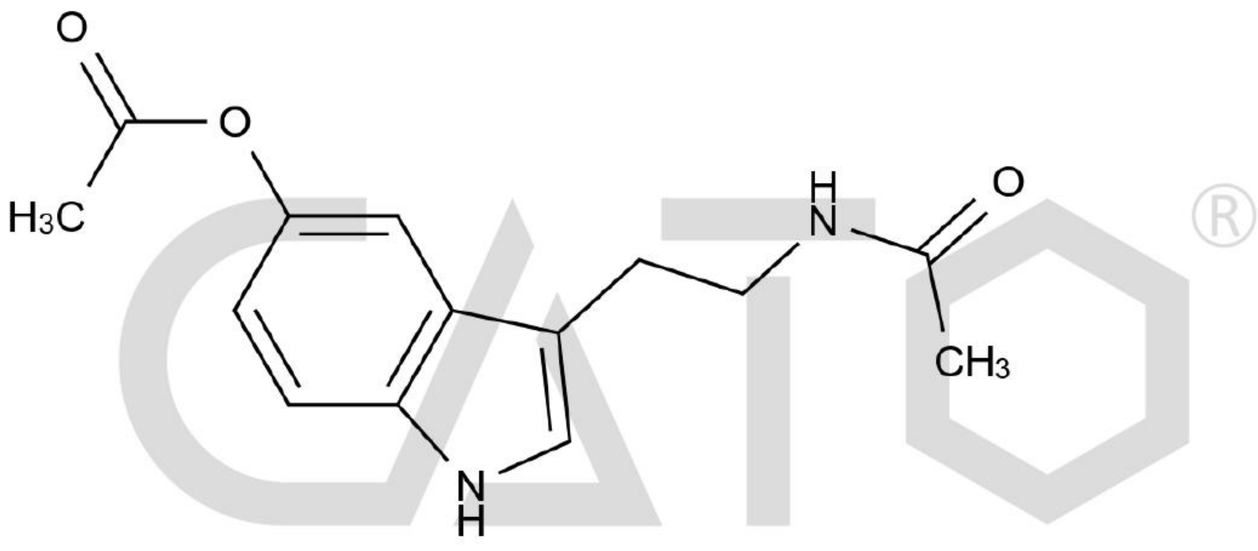
Certificate of Analysis

Reference Material & Standard

Product Name:	Melatonin EP Impurity D	**Catalogue Number:**	C1872850
Synonyms:	N/A	**Lot Number:**	0921-RH-0043
CAS Number:	28026-16-6	**Expiry Date:**	Sep 23, 2030
Molecular Formula:	$C_{14}H_{16}N_2O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	260.29	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile	**Warning:**	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.0%
Assay	qNMR	98.2%

Signature:

Prepared by: Alice Date: Sep 24, 2026

Reviewed by: Koi Date: Sep 24, 2026

Approved by General Manager: David Date: Sep 24, 2026

CATO Research Chemicals Inc.