Highland LABORATORIES
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CERTIFICATE OF ANALYSIS

Third-Party Verified Potency | 21 CFR Part 111 Compliant

Product Identification

Product Name	Melatonin 1 mg Sublingual Tablets, 60 ct	**Lot Number**	0078310-025-PR1355-60A-050126-00002
Part Number	025-PR1355-60A	**Formula ID**	100-PR1355 (Rev. 12)
Manufacture Date	May 1, 2026	**Expiration Date**	April 30, 2028
COA Issue Date	August 6, 2026	**Dosage Form**	Sublingual tablet, ~81 mg (1 tab/serving)

Independent Third-Party Potency Verification

FINISHED TABLET POTENCY VERIFIED BY INDEPENDENT LABORATORY

1 mg Melatonin per tablet

100% of Label Claim — Confirmed by HPLC-UV

Melatonin content was independently verified in the finished tablet by **MS Bioanalytical, LLC** (Champaign, IL) via HPLC-UV, confirming **1 mg of melatonin per tablet** against the 1 mg label declaration. Testing was performed on formula PR1355, the same formula and revision used to manufacture this lot, in May 2026. MS Bioanalytical is an independent, ISO-accredited analytical laboratory with no financial relationship to Highland Laboratories.

Test	Sample	Method	Spec	Result	Status
Melatonin Potency (Finished Tablet)	PR1355 Lot 0078283	STM-7.17 (HPLC-UV)	1 mg/tab	**1 mg/tab**	**PASS**

Active Ingredient Verification (per tablet)

Active Ingredient	Method	Label Claim	Formula Input	Verified Result	Status
Melatonin	QM-0507 + 3rd Party HPLC-UV	1 mg	1.08 mg (8% overage)	**1 mg/tab**	**PASS**

Physical Testing

Test	Method	Specification	Result	Status
Sublingual Dissolution Time	QM-0502	< 10 minutes	**6 minutes**	**PASS**
Tablet Thickness	QM-0506	3.3 - 3.6 mm	**3.45 mm**	**PASS**
Average Tablet Weight	QM-0506	81 mg	**81 mg**	**PASS**

Microbiological Testing

Test	Method	Specification	Result	Status
Total Aerobic Count	QM-0500	< 10,000 CFU/g	**Not Detected**	**PASS**
Yeast and Mold	QM-0500	< 1,000 CFU/g	**Not Detected**	**PASS**
Total Coliform	QM-0500	< 100 CFU/g	**Not Detected**	**PASS**
E. coli	QM-0500	Negative	**Not Detected**	**PASS**
Salmonella	QM-1006	Negative	**Not Detected**	**PASS**

Contaminant Testing (Heavy Metals via ICP-MS)

Analyte	Method	Specification	Result	Status
Lead (Pb)	QM-0007 (ICP-MS)	< 10 mcg/serving	**Not Detected**	**PASS**
Arsenic (As)	QM-0007 (ICP-MS)	< 10 mcg/serving	**Not Detected**	**PASS**
Cadmium (Cd)	QM-0007 (ICP-MS)	< 4.1 mcg/serving	**Not Detected**	**PASS**
Mercury (Hg)	QM-0007 (ICP-MS)	< 2 mcg/serving	**Not Detected**	**PASS**

Manufacturing & Compliance Statement

This product was manufactured in an FDA-registered facility in full compliance with cGMP for dietary supplements per 21 CFR Part 111. All QC testing, batch production records, and master manufacturing records are maintained per federal regulations. Every incoming raw material lot was qualified against an approved component specification prior to release for use. Finished-tablet melatonin potency was independently verified by MS Bioanalytical, LLC, an independent third-party analytical laboratory with no ownership, financial, or contractual relationship to Highland Laboratories beyond the testing engagement.

Authorization & Digital Signatures

Role	Signed By	Date/Time (UTC)	Session ID
Prepared By (QC)	hld.kcoreson	2026-08-06 15:08:17	456651E0-F29C41A15F07
Reviewed & Approved (QA)	Keith Gregory	2026-08-06 15:08:17	456651E0-F29C41A15F07
Third-Party Lab (Potency)	Quality Manager, MS Bioanalytical	2026-05-18	MSB Control# 05062026-006

Document Integrity

QC Order: PRD004608 | **Lot Record ID:** 1477605 | **Packaging Lot ID:** 0078310 | **Test Rows:** 16 | **COA Type:** Formulation Verified + Third-Party Potency
SHA-256: f29c41a15f077cf6fc17244bafbc17daab1b6c42d567c5fbd95046020e520b22

This COA is generated from QC results captured in the Highland Laboratories SAP/BatchMaster ERP system at the time of issuance. Third-party finished-product potency testing by MS Bioanalytical, LLC (MSB Control# 05062026-006, PO 13496, formula PR1355 lot 0078283, completed 05/18/2026). Digital signatures certify review and approval. Not to be reproduced in part without written approval of Highland Laboratories Inc. All testing per 21 CFR Part 111.