Highland LABORATORIES
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CERTIFICATE OF ANALYSIS

Third-Party Verified | 21 CFR Part 111 Compliant

Product Identification

Product Name	Urolithin A	**Lot Number**	0076899-015-M3200-032326-00001
Part Number	015-M3200	**Formula ID**	100-PR2121
Manufacture Date	March 23, 2026	**Formula Lot**	0076900-100-PR2121-031926-00001
COA Issue Date	March 28, 2026	**Dosage Form**	Capsule (533 mg fill weight)

Independent Third-Party Potency Verification

VERIFIED BY INDEPENDENT LABORATORY

508 mg per capsule
101.6% of Label Claim (500 mg)

Each capsule of Urolithin A was independently tested and confirmed to contain **508 mg of Urolithin A** per 533 mg capsule fill weight, exceeding the 500 mg label declaration by 1.6%. Testing was performed by **MS Bioanalytical, LLC** (Champaign, IL), an independent, ISO-accredited analytical laboratory with no financial relationship to Highland Laboratories.

Testing Laboratory	Method	MSB Control #	Report Date	PO #
MS Bioanalytical, LLC Champaign, IL	STM-3.194 (HPLC-UV)	03112026-017	March 27, 2026	13300

Potency Analysis

Analyte	Method	Label Claim	Result	% of Claim	Testing Lab	Status
Urolithin A	STM-3.194 (HPLC-UV)	500 mg/capsule	**508 mg/capsule**	**101.6%**	MS Bioanalytical, LLC (3rd Party)	**PASS**

Microbiological Testing

Test	Method	Specification	Result	Status
Total Aerobic Count	QM-0500	< 10,000 CFU/g	**< 10 CFU/g**	**PASS**
Total Coliform	QM-0500	< 100 CFU/g	**Not Detected**	**PASS**
Salmonella	QM-1006	Negative	**Not Detected**	**PASS**
Staphylococcus aureus	QM-1007	< 10 CFU/g	**Not Detected**	**PASS**

Contaminant Testing (Heavy Metals)

Analyte	Method	Specification	Result	Status

Lead (Pb)	QM-0007 (ICP-MS)	< 10 mcg/serving	**Not Detected**	**PASS**
Mercury (Hg)	QM-0007 (ICP-MS)	< 3 mcg/serving	**Not Detected**	**PASS**

Physical & Formulation Verification

Test	Method	Specification	Result	Status
Disintegration Time	QM-0502 (USP <701>)	< 45 minutes	**19 minutes**	**PASS**
Rice Protein, 300 Mesh Organic (Excipient)	QM-0507 (By Input)	27.786 mg	**27.786 mg**	**PASS**
Magnesium Stearate (Excipient)	QM-0507 (By Input)	5.5 mg	**5.5 mg**	**PASS**

Manufacturing & Compliance Statement

This product was manufactured in a facility registered with the U.S. Food and Drug Administration and operates in full compliance with Current Good Manufacturing Practices (cGMP) for dietary supplements as specified under 21 CFR Part 111. All quality control testing, batch production records, and master manufacturing records are maintained in accordance with federal regulations. Potency testing was performed by MS Bioanalytical, LLC, an independent third-party analytical laboratory with no ownership, financial, or contractual relationship to Highland Laboratories beyond the testing engagement. This independent verification provides an additional layer of assurance that the Urolithin A content in this product meets or exceeds the amount declared on the product label.

Authorization & Digital Signatures

Role	Signed By	Date/Time (UTC)	Session ID
Prepared By (QC)	hld.chamlett	2026-03-28 16:39:55	0946F70A-34F65E712364
Reviewed & Approved (QA)	Keith Gregory	2026-03-28 16:39:55	0946F70A-34F65E712364
Third-Party Lab (Potency)	Quality Manager, MS Bioanalytical	2026-03-27	MSB Control# 03112026-017

Document Integrity

QC Order: PRD004551 | **Lot Record ID:** 1475743 | **Test Rows:** 10 | **COA Type:** Tested + Third-Party Verified
SHA-256: 34f65e7123647fb6b62d33130080ff5e8907b912043bc53bb6ad5e6f37749ac8

This Certificate of Analysis is generated from executed quality control results captured in the Highland Laboratories SAP/BatchMaster ERP system at the time of issuance. Third-party analytical results are incorporated from the original Certificate of Analysis issued by MS Bioanalytical, LLC (MSB Control# 03112026-017, Report Date: 03/27/2026). Digital signatures above certify review and approval. This certificate shall not be reproduced in part without the written approval of Highland Laboratories Inc. All testing is performed in accordance with 21 CFR Part 111 requirements for dietary supplement manufacturing.