

CERTIFICATE OF ANALYSIS

Vitamin B6 Potency Independently Verified | Raw Materials Third-Party Qualified | 21 CFR Part 111 Compliant

Product Identification

Product Name	Nutrisilk™ Premium (Hair, Skin & Nails), 60 ct	Lot Number	0077016-015-M1007-080625-00008
Part Number	015-M1007	Formula ID	100-PR2102 (Rev. 8)
Manufacture Date	August 6, 2025	Expiration Date	August 6, 2028
COA Issue Date	October 13, 2026	Dosage Form	Capsule — 2 capsules per serving, 30 servings (1,066 mg fill per serving)

Independent Third-Party Verification

VITAMIN B6 POTENCY AND KEY RAW MATERIALS INDEPENDENTLY VERIFIED

Vitamin B6: 23.9 mg per 2-capsule serving (as pyridoxine HCl)
Assayed by HPLC-UV on Formula PR2102 • Specification 20 mg per serving

Finished-product potency testing was performed by **MS Bioanalytical, LLC** (Champaign, IL) on formula **100-PR2102**, the same formula used to manufacture this lot, using packaging lot **0077018** (received June 18, 2025; reported July 7, 2025). Vitamin B6 (as pyridoxine HCl) assayed at **23.9 mg per 1,066 mg serving** against a 20 mg specification. Packaging lot 0077016 was not itself submitted for finished-product assay. Six of the formula's raw materials are additionally qualified by independent assay of supplier lots of the same Highland part numbers (table below); these are supplier-qualification results, not assays of the specific raw-material lots consumed by this batch. MS Bioanalytical is an independent, FDA-registered, ISO 17025-accredited laboratory with no financial relationship to Highland Laboratories.

Material	Lot Tested / Report	Method	Spec	Result	Status
Finished Product — Vitamin B6 (as pyridoxine HCl)	PR2102 Lot 0077018 MSB# 06182025-056	STM-1.11 (HPLC-UV)	20 mg per 1,066 mg serving	23.9 mg	PASS
Pyridoxine HCl (RM 300-0875)	300-0875-032526-00023 MSB# 03312026-022	STM-1.11 (HPLC-UV)	98–102%	100%	PASS
Niacinamide (RM 300-0710)	300-0710-060325-00022 MSB# 06182025-051	STM-1.11 (HPLC-UV)	> 98%	98.5%	PASS
Riboflavin (RM 300-0890)	300-0890-080326-00018 MSB# 08052026-034	STM-1.11 (HPLC-UV)	NLT 98%	99%	PASS
d-Calcium Pantothenate (RM 300-0175)	300-0175-102325-00028 MSB# 10292025-013	STM-1.38 (LC-MS/MS)	NLT 98%	101%	PASS
L-Selenomethionine 0.5% Se (RM 300-0943B)	300-0943B-112125-00025 MSB# 12152025-017	STM-1.28 (ICP-MS)	0.5% Se	0.5% Se	PASS
Hyaluronic Acid (sodium) (RM 300-0482B)	300-0482B-070726-00006 MSB# 07102026-033	HPLC-UV	NLT 90%	93%	PASS

Active Ingredient Verification (per 2-capsule serving)

Active Ingredient	Label Claim	Per Serving (from batch formula)	Method	Independent Evidence	Verification	Status
Riboflavin (Vitamin B2)	10 mg	11.2 mg (12% overage)	QM-0507 + 3rd-party RM HPLC	RM 99% (NLT 98%)	RM Purity Confirmed	PASS
Niacinamide (Vitamin B3)	250 mg NE	250 mg (252.5 mg @ 99%)	QM-0507 + 3rd-party RM HPLC	RM 98.5% (> 98%)	RM Purity Confirmed	PASS

Active Ingredient	Label Claim	Per Serving (from batch formula)	Method	Independent Evidence	Verification	Status
Vitamin B6 (from pyridoxine HCl)	20 mg	20.1 mg (24.4 mg HCl @ 82.3%)	QM-0507 + 3rd-party FP HPLC	FP 23.9 mg (lot 0077018); RM 100%	Potency Confirmed (lot 0077018)	PASS
Biotin	5,000 mcg	5,500 mcg (10% overage)	QM-0507 (By Input)	—	Formulation Verified	PASS
Pantothenic Acid (from d-calcium pantothenate)	100 mg	100 mg (115 mg @ 87%)	QM-0507 + 3rd-party RM LC-MS/MS	RM 101% (NLT 98%)	RM Purity Confirmed	PASS
Zinc (as zinc citrate)	15 mg	15.0 mg (46.2 mg @ 32.5%)	QM-0507 (By Input)	—	Formulation Verified	PASS
Selenium (as L-selenomethionine)	35 mcg	35 mcg (7.0 mg @ 0.5% Se)	QM-0507 + 3rd-party RM ICP-MS	RM 0.5% Se (spec 0.5%)	RM Potency Confirmed	PASS
Copper (as copper bisglycinate)	1 mg	1.02 mg (3.4 mg @ 30% Cu)	QM-0507 (By Input)	—	Formulation Verified	PASS
Hyaluronic Acid	120 mg	120 mg	QM-0507 + 3rd-party RM HPLC	RM 93% (NLT 90%)	RM Purity Confirmed	PASS
Proprietary Blend (gelatin [kosher], hydrolyzed chicken collagen)	370 mg	371 mg	QM-0507 (By Input)	—	Formulation Verified	PASS

Manufacturing & Compliance Statement

This product was manufactured in an FDA-registered facility in compliance with current Good Manufacturing Practices for dietary supplements per 21 CFR Part 111. Batch production records and master manufacturing records are maintained per federal regulations. Active-ingredient content for this lot is established from the executed batch formula (100-PR2102 Rev. 8) and the certified potency of each raw material, reported above per 2-capsule serving. Finished-product vitamin B6 potency was independently confirmed by MS Bioanalytical, LLC on packaging lot 0077018 of the same formula, and six raw materials are qualified through ongoing independent third-party assay of supplier lots. MS Bioanalytical, LLC is an independent analytical laboratory with no ownership, financial, or contractual relationship to Highland Laboratories beyond the testing engagement. The information listed is reported to be true and accurate at the time of production.

Authorization & Digital Signatures

Role	Signed By	Date/Time (UTC)	Session ID
Prepared By (QC)	hld.jmateer	2026-10-13 19:27:10	50E9D224-7D84C6137F29
Reviewed & Approved (QA)	Keith Gregory	2026-10-13 19:27:10	50E9D224-7D84C6137F29
Third-Party Lab	Quality Manager, MS Bioanalytical	Jul 2025 – Aug 2026 (multiple reports)	See verification table

Document Integrity

QC Order: PRD004105 | Lot Record ID: 1442381 | Packaging Lot ID: 0077016 | Test Rows: 16 | COA Type: Calculated / Input-Based + Third-Party Verified (Formula Potency, Raw Materials)
SHA-256: 7d84c6137f29bc28021515e58d2a2236639ba3e36dce179536726f4e87711231

This COA is generated from formula input data captured in the Highland Laboratories SAP/BatchMaster ERP system at the time of issuance. Per-serving values are calculated from the executed batch formula 100-PR2102 Rev. 8 (per-capsule inputs x 2 capsules) and the certified assay of each raw material. Independent testing by MS Bioanalytical, LLC: finished-product vitamin B6, formula PR2102 lot 0077018 (MSB# 06182025-056); raw-material supplier-qualification assays — pyridoxine HCl (MSB# 03312026-022), niacinamide (MSB# 06182025-051), riboflavin (MSB# 08052026-034), d-calcium pantothenate (MSB# 10292025-013), L-selenomethionine (MSB# 12152025-017), hyaluronic acid (MSB# 07102026-033); tested lot numbers are listed in the verification table. Raw-material results are assays of other lots of the same Highland part numbers and do not represent the specific raw-material lots consumed by this batch. Digital signatures certify review and approval. Not to be reproduced in part without written approval of Highland Laboratories Inc.