

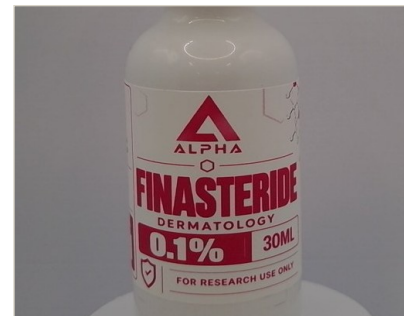


Scan to verify

Finasteride (topical solution)

Custom sample · FIN-20261023 · Disguised Alpha

Customer	Disguised Alpha
Order	Custom sample
Sample	FIN-20261023 (three vials: P1-F1, P1-F2, P1-F3)
Label	ALPHA Finasteride Dermatology 0.1 %, 30 mL
Prepared	Diluted 1:10 in 50:50 acetonitrile:water
Tested	23 Oct 2026
Tests	Identity, Purity



The sample as received

IDENTITY

Confirmed

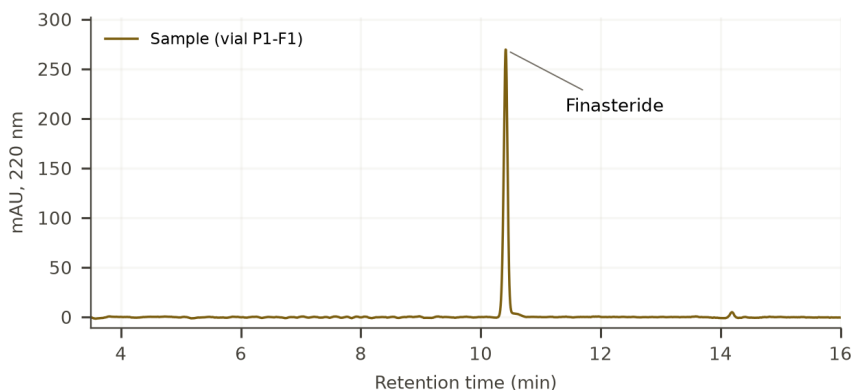
consistent with finasteride

PURITY

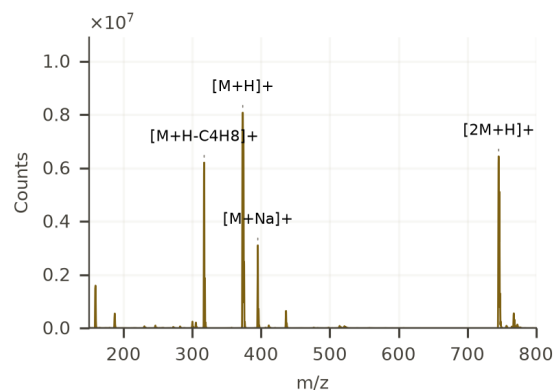
99.7 %

HPLC-UV, 220 nm, mean of 3 vials

HPLC chromatogram (UV, 220 nm)



Mass spectrum of the main peak (10.41 min)



Results

Identity	Consistent with finasteride. Main ion m/z 373.4 ($[M+H]^+$), as expected, with its typical fragment (m/z 317.2), sodium adduct (m/z 395.3) and dimer (m/z 745.6); the same main peak at 10.41 min in all three vials.
Purity	99.7 % by HPLC with UV detection at 220 nm (share of the total peak area), the mean of three vials (99.8, 99.8 and 99.6 %).

Impurities

No impurity above 0.10 % was found in any of the three vials (the largest single peak is 0.04 %).

Trace peaks below 0.10 % add up to 0.25 % (mean of three vials). Mass spectrometry also showed traces at the masses of two known finasteride by-products (European Pharmacopoeia impurities B and C); they were not confirmed: B gave no measurable UV peak, and C comes off the column together with finasteride. Peaks from the liquid base (PEG and ethanol), which come off the column before 3.5 min, are not counted. Amounts are shares of the total UV peak area at 220 nm.

APPROVED FOR RELEASE

Ian Ebert, Laboratory Director

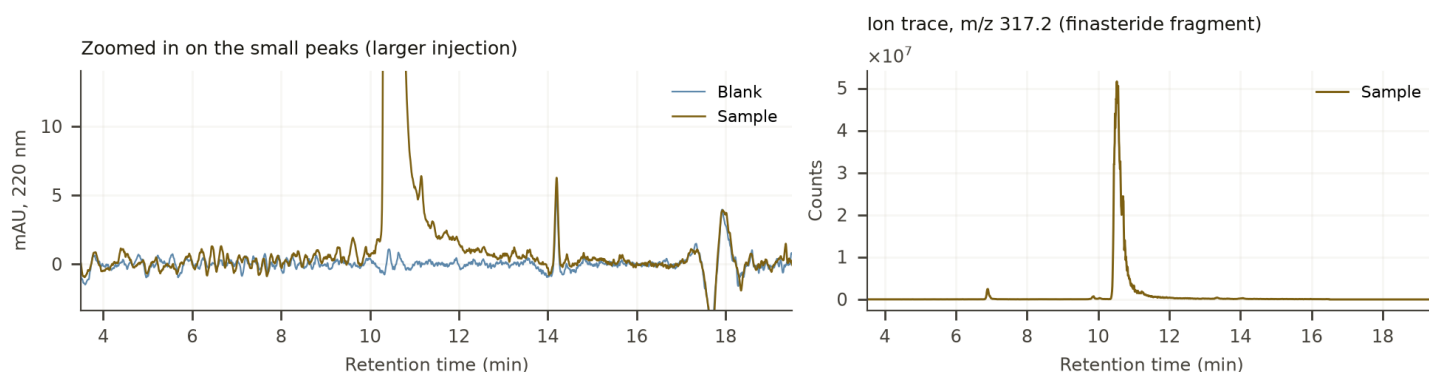
Signed electronically

26 Oct 2026, 17:43 UTC

Release record: last page



Zoomed views



How it was tested

Liquid chromatography with UV and mass-spectrometry detection: Agilent 1290 Infinity II LC with a 6490 triple-quadrupole mass spectrometer. Column Polaris C18-A, 2.0 x 150 mm, 45 °C; water and acetonitrile, each with 0.1 % formic acid. Purity: UV peak area at 220 nm, mean of three vials, not counting peaks that come from the instrument rather than the sample. Identity: molecular mass and fragment ions in the mass spectrum.

Notes

Results apply only to the sample as received and tested. Purity is a share of the UV peak area, not a weight percentage.

APPROVED FOR RELEASE

Signed electronically by a Gold Standard Analytics lab technician at release.

The signature, date and verification code are on the release record, the last page of this certificate.

Customer and order	Disguised Alpha · Custom sample (no order)
Sample and report	FIN-20261023 · Finasteride Certificate of Analysis
Report reference	GSA-COA-CUST-FIN-20261026
Certificate accession	GSA-2026-243307
Released and signed by	Ian Ebert, Laboratory Director
Date and time (UTC)	2026-10-26 17:43:43Z
Signature meaning	Approved for release. The signer reviewed this report and approved its release to its customer.
Approval reference	5c1f1ffd-55c3-4ba0-a3ad-1f5c967e1322
Electronic signature	Signed electronically in a signed-in GSA staff account.
Original report SHA-256	52bb4c1996dede5f8775bcd22bec2c1bc4f522a0f5f07183c56e8df265d8f691
Verify this certificate	https://goldstandardanalytics.com/coa/GSA-2026-243307



Scan to view this certificate online

Signature

A handwritten signature in black ink, appearing to read 'Ian Ebert', written in a cursive style.

Ian Ebert, Laboratory Director