

HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY (HPLC) PURITY REPORT

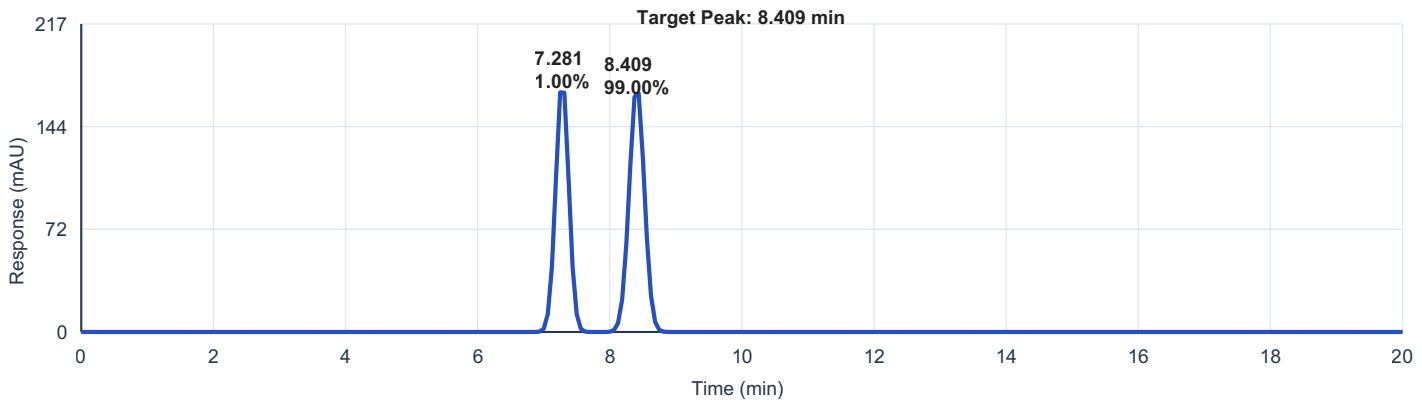
Laboratory ID: AEGIS-XA5-260718-F1A1C5

1. SAMPLE & METHOD PARAMETERS

Sample Name:	Semax
Lot Number:	SYN-XA5-2607-A
Batch Code:	TEST_BATCH_CODE_0078
Injection Date:	05/28/2026 12:00:00 PM
Data Source:	Synthetic Chromatogram Generation
Method Info:	Synthetic RP-HPLC-UV; C18; water/acetonitrile gradient with 0.1% TFA; 214 nm

CLIENT INFORMATION

Client Name: Internal R&D	Contact Person: Quality Assurance Department
Company: Veridia Scientific LLC	Email: service@prosynthchem.com
Address: 1026 Ocean Avenue, Suite 450, Santa Monica, CA 90401	Phone: Confidential



3. PEAK INTEGRATION DATA

Peak No.	Retention Time (min)	Area (mAU*s)	Height (mAU)	Area (%)	Status
1	7.281	225.53	201.19	1.00%	Impurity
2	8.409	22327.47	196.42	99.00%	Target
Total	—	22553.00	—	100.00%	—

Chromatographic Purity (HPLC): 99.00% | Identity Status: **PASS**

4. REVIEW & AUTHORIZATION

PREPARED BY:

Name: Dr. Marcus Vance, Ph.D.
Title: Lead Chromatographer
Date: 05/28/2026

APPROVED BY:

Name: Sarah Jenkins, M.S.
Title: Laboratory Director
Date: 05/28/2026