CHROMIQ

CERTIFICATE OF ANALYSIS

ChromIQ Analytical Laboratory

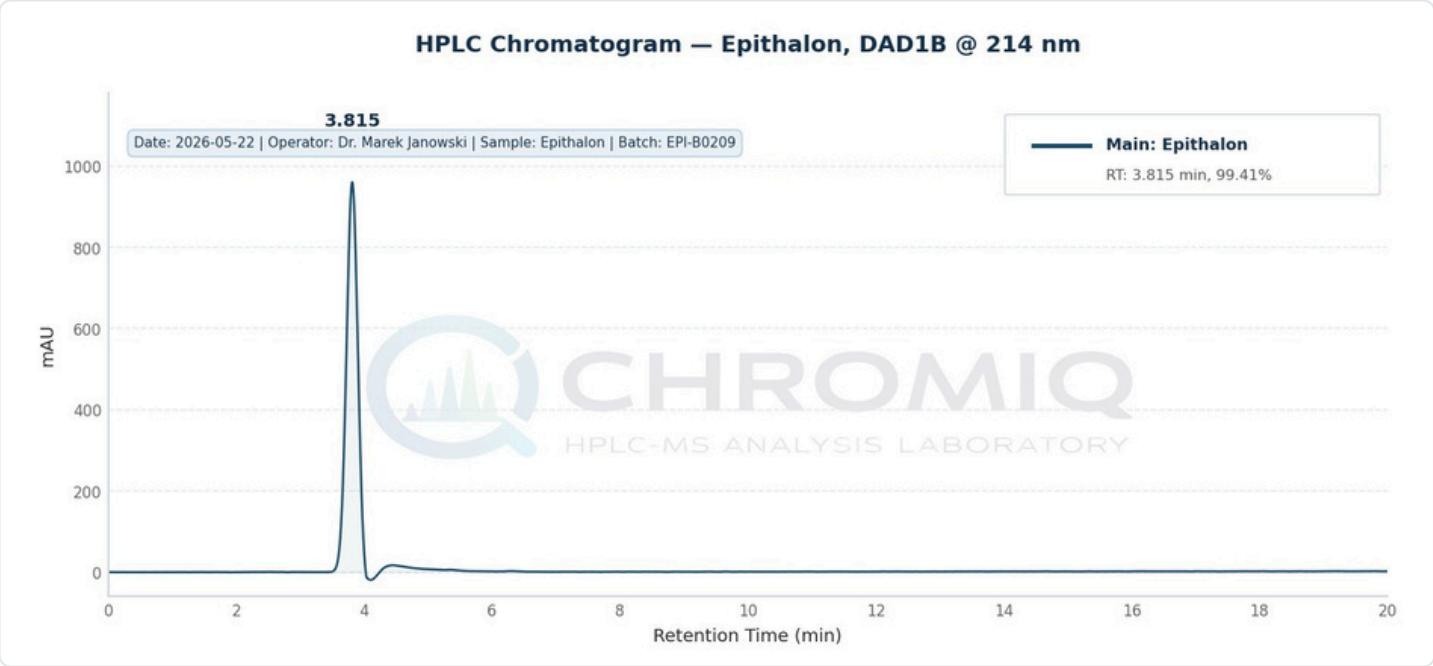
HPLC-MS Quality Control & Peptide Purity Analysis
Website: chromiq.com | Email: qc@chromiq.com

PRODUCT DATA

Product	Epithalon (Epitalon)	**Batch**	EPI-B0209
CAS	307297-39-8	**Formula**	$C_{14}H_{22}N_4O_9$
Appearance	White lyophilized powder	**Mol. Wt.**	390.35 g/mol
Quantity	10 mg / vial	**Purity**	99.41%
Content	10.07 mg	**Analysis Method**	RP-HPLC, UV 214 nm | C18, 100 × 2.1 mm, 2.7 µm | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Inj.: 10.0 µL
Analysis Conducted	2026-05-22	**Principal Chemist**	Dr. Marek Janowski, Ph.D.
Produced	2026-05-20	**Storage**	Store at -20 °C, protect from light
QC Status	**PASS** — conforms to specification	**Report No.**	CIQ-RPT-B0209

HPLC CHROMATOGRAM

Signal: UV 214 nm **Detector:** DAD1B
Method: Column: C18, 100 × 2.1 mm, 2.7 µm | Flow: 0.40 mL/min | Gradient: 5-95% ACN over 20 min | Injection: 10.0 µL
Mobile Phase: H2O/ACN + 0.1% TFA



Dr. Marek Janowski, Ph.D.
Principal Chemist • 2026-05-22

A. Reynolds, QA Manager
Quality Assurance • 2026-05-23