



ChromIQ Analytical Laboratory

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

PRODUCT DATA

Product	MK-677 (lbutamoren)	Batch	MK677-B0142
CAS	159752-10-0	Formula	C ₂₇ H ₃₈ N ₄ O ₅ S
Appearance	White to off-white powder	Mol. Wt.	528.66 g/mol
Quantity	10 mg / capsule	Purity	99.18%
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 15-25 °C, keep dry
QC Status	PASS — conforms to specification		Report No. CIQ-RPT-B0142

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

HPLC Chromatogram — MK-677, DAD1B @ 214 nm

