



ChromIQ Analytical Laboratory

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

PRODUCT DATA

Product	Bacteriostatic Water	Batch	BAC-B001
CAS	7732-18-5 (water) / 100-51-6 (benzyl alcohol)	Formula	H ₂ O + 0.9% C ₇ H ₈ O
Appearance	Clear, colorless sterile solution	Mol. Wt.	18.02 / 108.14 g/mol
Quantity	3 mL / vial	Purity	99.62%
Content	Benzyl alcohol 0.89% w/v	Analysis Method	GC-FID, benzyl alcohol assay (per spec)
Analysis Conducted	2026-05-22	Principal Chemist	Dr. Marek Janowski, Ph.D.
Produced	2026-05-20	Storage	Store at 15-30 °C, do not freeze
QC Status	PASS — conforms to specification	Report No.	CIQ-RPT-B001

GC-FID CHROMATOGRAM

Signal: FID Detector: FID

Method: GC-FID | DB-WAX 30 m × 0.25 mm, 0.25 μm | Oven 60-220 °C @ 15 °C/min | Carrier He 1.2 mL/min

Mobile Phase: Helium carrier gas, split 10:1

