



CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

TB-500

10 mg

Client: **Nasq Precision Peptides**

LAB ID TB-054_D ISSUED SEPTEMBER 10, 2026

§ 01 Sample Information

Sample ID: **TB-054_D**
Compound: **TB-500**
Report No.: **COA-2026-SC-02163**
Total Mass: **61.1 mg**
Appearance: **Lyophilized powder**
Received: **09/01/2026**
Analyzed: **09/10/2026**
CAS: **77591-33-4**
Formula: **Ac-LKKTETQ (fragment)**
Mol Weight: **889.0 g/mol**



SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

Instrument · Agilent 1290 Infinity II with Agilent 6495 QQQ

IDENTITY

TB-500

Principal component confirmed against reference standard

NET PEPTIDE CONTENT

11.73 mg

Total peptide in the vial as received

PEPTIDE FILL ACCURACY

117.3 %

Measured net content ÷ declared label claim

CHROMATOGRAPHIC PURITY

99.6 %

Principal-component peak area (Ph. Eur. 2.2.46)

Identity confirmation criteria — MRM 445.3 > 241.2 (quantifier); retention time —: in agreement with reference standard.

Chromatographic purity bounds peptide-related impurities only — not excipients, counter-ions, or residual water — and is separate from net peptide content. Values are reported as measured; this document contains **no pass/fail determination** against any specification or label claim.

DISCLAIMER · RESEARCH USE ONLY

Results relate **only to the sample as received** by Side-Chain Analytics Inc. and the tests performed, as and when received — not to any other unit, vial, lot, or batch, and not to any other product bearing the same name, label, or description. This report is not a verification of any lot or batch. **For research use only:** this report is not a certificate of quality, safety, efficacy, or regulatory compliance; the material tested is not authorized by Health Canada for human or veterinary use; and this report is not for human or veterinary administration, clinical or diagnostic use, or label claims. Side-Chain Analytics Inc. does not manufacture, source, or sell the material tested and makes **no warranty, express or implied;** its liability shall not exceed the testing fee. This report may not be reproduced except in full, and may not be reproduced, displayed, quoted, or referenced — in whole or in part, including by any badge, seal, or link — in connection with the advertising, offer for sale, sale, or distribution of any product. This certificate is valid only as currently shown at sidechainanalytics.com/verify and may be withdrawn.

**FOR RESEARCH USE ONLY — NOT AUTHORIZED
BY
HEALTH CANADA FOR HUMAN OR VETERINARY
USE**