SIDECHAIN ANALYTICS

SCAN TO VERIFY
COA-2026-SC-03368
sidechainanalytics.com/verify

CERTIFICATE OF ANALYSIS · IDENTITY · PURITY

TB-500

10 mg

Client: **PR**
LAB ID TB-079_D ISSUED OCTOBER 7, 2026

§ 01 Sample Information

Sample ID:	**TB-079_D**
Compound:	**TB-500**
Report No.:	**COA-2026-SC-03368**
Total Mass:	**80.2 mg**
Appearance:	**Lyophilized powder**
Received:	**09/22/2026**
Analyzed:	**10/07/2026**
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	NET PEPTIDE CONTENT	PEPTIDE FILL ACCURACY	CHROMATOGRAPHIC PURITY
TB-500	**10.61 mg**	**106.1 %**	**99.4 %**
Principal component confirmed against reference standard	Total peptide in the vial as received	Measured net content ÷ declared label claim	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.

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