

TB-005

REPORTED June 29, 2026

**CLIENT**

NAME Peptide Test Canada  
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ADDRESS Canada

SCAN TO VERIFY



PTC-3LKDE9SY

**END CUSTOMER**

NAME Quantum Peptides  
EMAIL —  
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ADDRESS —

## § 01 Sample Information

FOR RESEARCH PURPOSES ONLY

|             |                          |             |                           |             |                              |
|-------------|--------------------------|-------------|---------------------------|-------------|------------------------------|
| Sample ID:  | <b>TB-005</b>            | Total Mass: | <b>62.4 mg</b>            | CAS:        | <b>77591-33-4</b>            |
| Compound:   | <b>TB-500</b>            | Appearance: | <b>Lyophilized powder</b> | Formula:    | <b>Ac-LKKTETQ (fragment)</b> |
| Report No.: | <b>COA-2026-SC-00109</b> | Received:   | <b>06/24/2026</b>         | Mol Weight: | <b>889.0 g/mol</b>           |
| Lot Number: | <b>COA-2026-SC-00109</b> | Analyzed:   | <b>06/29/2026</b>         |             |                              |

## § 02 Analytical Results

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

|                | SPECIFICATION | NET PEPTIDE PURITY | STATUS |
|----------------|---------------|--------------------|--------|
| Compound Test: | TB-500        | TB-500             |        |
| Quantity:      | 10.00 mg      | 9.73 mg            |        |
| Purity:        | ≥ 98 %        | 98.81 %            |        |

**PASS**

## § 03 LC-MS/MS Detail

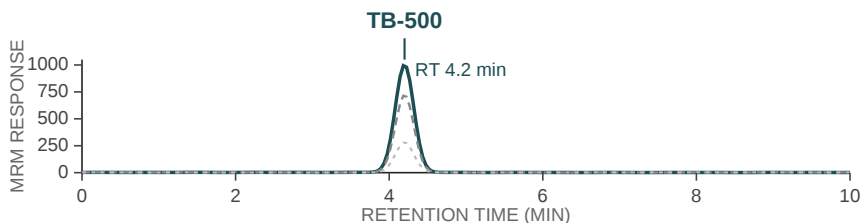
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+2H]<sup>2+</sup>

**445.30 Da**

Quantifier transition ● MRM

**445.30 > 369.30 CE 12 V**



| ROLE         | TRANSITION    | CE   |
|--------------|---------------|------|
| ● Quantifier | 445.3 > 369.3 | 12 V |
| ■ Qualifier  | 445.3 > 241.2 | 15 V |

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 μm · Solvent A: 0.1 % formic acid in H<sub>2</sub>O · Solvent B: 0.1 % formic acid in Acetonitrile

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