

## Analytical Data Sheet

Lot number **1052974**  
not for drug use

**Catalog number** H-4480.0005  
**Product number** 4008904.0005  
**Product** (D- Tyr<sup>11</sup>) - Neurotensin  
Pyr- Leu- Tyr- Glu- Asn- Lys- Pro- Arg- Arg- Pro- D- Tyr-  
Ile- Leu- OH  
**Molecular formula** C<sub>78</sub>H<sub>121</sub>N<sub>21</sub>O<sub>20</sub>  
**Relative molecular mass** 1672.95

Tests	Results
<b>Appearance</b>	white lyophilisate
<b>Appearance of solution</b>	clear, colorless solution (1 mg/mL in water)
<b>Identification (ESI-MS)</b>	m = 1673.0u (average mass)
<b>Amino acid analysis</b>	Asx 1.1 (1) Lys 1.1 (1) Glx 2.1 (2) Ile 1.0 (1) Arg 2.3 (2) Leu 2.0 (2) Pro 2.0 (2) Tyr 1.9 (2)
<b>Purity (HPLC)</b>	98.3% (TFA) 98.7% (TEAP) 98.3% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	78.3% (Nth 17.58%, Nfd 13.76%)