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# CERTIFICATE OF ANALYSIS

Product:	Dihexa	PubChem CID:	129010512
Chemical Name:	N-hexanoic-Tyr-Ile-(6) aminohexanoic amide	Analysis Date:	2025-01-17
Test Type:	Mass Spectrometry (MS) — Identity Test	Analytical Method:	HPLC-MS
Testing Laboratory:	MZ Biolabs, Tucson, AZ	Analyst:	Ken Pendarvis, ChE

## MASS SPECTROMETRY — IDENTITY TEST RESULTS

Test Parameter	Value	Status
Expected Monoisotopic Mass	504.33 Da	—
Measured Monoisotopic Mass	504.35 Da	—
Molecular Weight Confirmation	Confirmed	Pass

Molecular weight calculated using monoisotopic  $m/z$  values from mass spectrum. Identity confirmed using HPLC-MS. Monoisotopic  $m/z$  values are not easily seen in full spectrum view for larger molecules and peptides. The dominant isotopic peak (base peak) shown in the spectrum can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

**CONCLUSION: QUALIFIED — Molecular weight confirmed | Identity verified by HPLC-MS**

## STORAGE CONDITIONS

Store in a cool, dry place. Recommended storage: 2–8°C. Protect from light and moisture. Keep tightly sealed.