

| Product Information   |                                       |                 |   |
|-----------------------|---------------------------------------|-----------------|---|
| Vendor:               | Cenexa Labs (support@cenexalabs.com)  |                 |   |
| Compound:             | Dihexa                                |                 |   |
| Lot No.:              | L260701                               |                 |   |
| Quantity:             | 10mg                                  |                 |   |
| Sample Type:          | Lyophilized powder                    |                 |   |
| Sequence:             | Hexanoyl-Tyr-Ile-Ahx-NH2              |                 |   |
| Modifications:        | N/A                                   |                 |   |
| Storage Conditions:   | -20°C                                 |                 |   |
| Quality Control       |                                       |                 |   |
| Test Items            | Specifications                        | Results         |   |
| Appearance            | White to off-white lyophilized powder | Conforms        | ✓ |
| Molecular Weight (MS) | 504.7±1.0 Da                          | 504.66 Da       | ✓ |
| Purity By HPLC        | >98%                                  | 99.42%          | ✓ |
| Retention Time (HPLC) | ±0.2min of Standard                   | Conforms        | ✓ |
| Net Peptide Content   | ≥10mg                                 | 10.2mg          | ✓ |
| Solubility            | 10 mg/1ml H2O                         | Clearly soluble | ✓ |
| Acetic Acid Content   | ≤6%                                   | 2.3%            | ✓ |
| TFA Content           | ≤0.500%                               | Conforms        | ✓ |
| DCM Content           | ≤0.60%                                | N.D.            | ✓ |
| DMF Content           | ≤0.88%                                | N.D.            | ✓ |
| Total Aerobic Count   | ≤100CFU/g                             | Conforms        | ✓ |
| Yeast & Mold Count    | ≤100CFU/g                             | Conforms        | ✓ |
| Endotoxins            | ≤0.5EU/mg                             | Conforms        | ✓ |
| Certification:        |                                       |                 |   |

This COA confirms that the tested material meets or exceeds BioSyn's analytical quality specifications for peptide research use.

DAVID LAPORTE

David LaPorte

BioSyn Laboratory Director