

# Certificate of Analysis

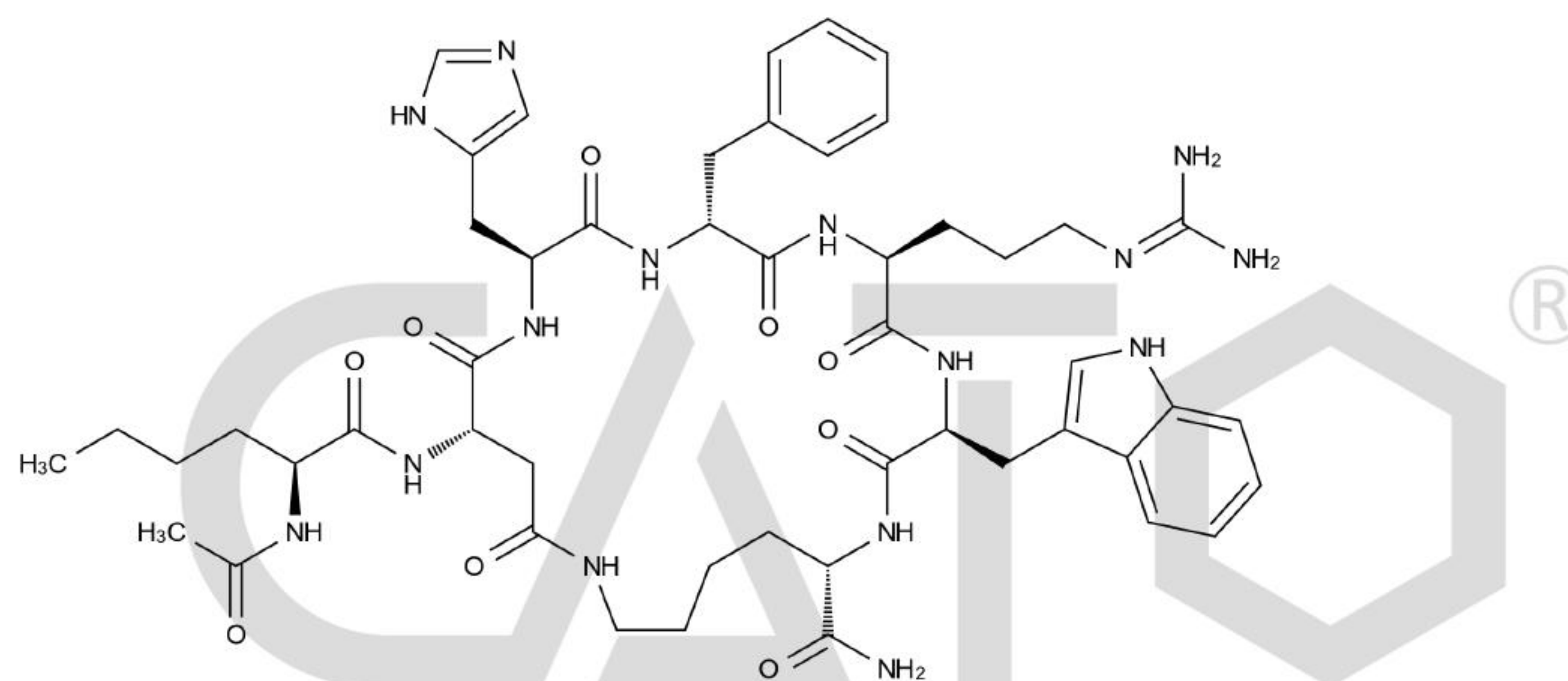
## Reference Material & Standard

|                           |                                                                   |                            |                                           |
|---------------------------|-------------------------------------------------------------------|----------------------------|-------------------------------------------|
| <b>Product Name:</b>      | Acetyl-(Nle4,Asp5,D-Phe7,Lys10)-cyclo- $\alpha$ -MSH (4-10) amide | <b>Catalogue Number:</b>   | CPTD786832                                |
| <b>Synonyms:</b>          | N/A                                                               | <b>Lot Number:</b>         | 0910-RH-0104                              |
| <b>CAS Number:</b>        | 121062-08-6                                                       | <b>Expiry Date:</b>        | Sep 13, 2030                              |
| <b>Molecular Formula:</b> | C <sub>50</sub> H <sub>69</sub> N <sub>15</sub> O <sub>9</sub>    | <b>Storage:</b>            | -20°C±5°C Protected from light and Sealed |
| <b>Molecular Weight:</b>  | 1024.18                                                           | <b>Shipping Condition:</b> | Shipping with Ice Packs                   |

**Warning:**



**Chemical Structure:**



| Test Items     | Method            | Results     |
|----------------|-------------------|-------------|
| Appearance     | Visual inspection | White Solid |
| Identification | LCMS&HNMR         | Confirmed   |
| Purity         | HPLC              | 99.8274%    |
| Loss on Drying | TGA               | 7.5247%     |
| Assay          |                   | 92.3%       |

## Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100%-Loss on Drying) \* Purity HPLC (%) /100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

**Signature:**

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Reviewed by:

*Lisa*

Approved by General Manager:

*David*

Date: Sep 15, 2026

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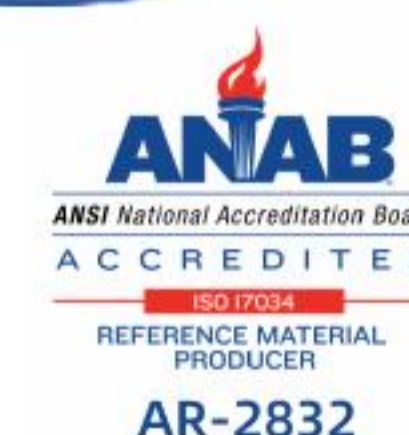
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