

## Analytical Data Sheet

Lot number **1072890**  
not for drug use

Catalog number **H-3902.0005**  
Product number **4039778.0005**  
Product **Acetyl- (Nle<sup>4</sup>, Asp<sup>5</sup>, D- Phe<sup>7</sup>, Lys<sup>10</sup>) - cyclo-  $\alpha$ - MSH (4- 10) amide acetate salt**  
Ac- Nle- cyclo(- Asp- His- D- Phe- Arg- Trp- Lys- NH<sub>2</sub>) acetate salt  
Molecular formula **C<sub>50</sub>H<sub>69</sub>N<sub>15</sub>O<sub>9</sub>**  
Relative molecular mass **1024.19**

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 1024.2u (average mass)
Purity (HPLC)	98.6% (TFA) 98.2% (TEAP) 98.4% (NaClO <sub>4</sub> )
Assay (elemental analysis)	82.0% (Nth 20.51%, Nfd 16.82%)

Latest update: August 04, 2017

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