

Analytical Data Sheet

Lot number **1000029232**
not for drug use

Catalog number H-3902.0001
Product number 4039778.0001
Product **Acetyl- (Nle⁴, Asp⁵, D- Phe⁷, Lys¹⁰) - cyclo- α - MSH (4- 10) amide acetate salt**
Ac- Nle- cyclo(- Asp- His- D- Phe- Arg- Trp- Lys- NH₂) acetate salt
Molecular formula C₅₀H₆₉N₁₅O₉
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 ₄)
Assay (elemental analysis)	82.0% (Nth 20.51%, Nfd 16.82%)

Latest update: March 10, 2020

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