

Analytical Data Sheet

Lot number **1070828**
not for drug use

Catalog number H-8334.0500
Product number 4105586.0500
Product **Abaloparatide acetate salt**
H- Ala- Val- Ser- Glu- His- Gln- Leu- Leu- His- Asp- Lys-
Gly- Lys- Ser- Ile- Gln- Asp- Leu- Arg- Arg- Arg- Glu-
Leu- Leu- Glu- Lys- Leu- Leu- Aib- Lys- Leu- His- Thr-
Ala- NH₂ acetate salt
Molecular formula C₁₇₄H₃₀₀N₅₆O₄₉
Relative molecular mass 3960.64

Tests	Results
Appearance	white powder
Identification (ESI-MS)	m = 3960.5u (average mass)
Amino acid analysis	Asx 2.0 (2) Ala 2.0 (2) Lys 4.0 (4) Ser 2.0 (2) Val 1.0 (1) Arg 3.0 (3) Thr 0.9 (1) Ile 0.9 (1) Aib 1.4 (1) Glx 5.2 (5) Leu 7.9 (8) Gly 1.0 (1) His 3.0 (3)
Purity (HPLC)	96.2%
Peptide content	84.1% (elemental analysis)
Residual organic solvents (GC)	methanol not det. isopropanol not det. acetonitrile not det. isopropyl ether not det. piperidine not det. dimethylformamide not det.
General comment	Water content: 6.7% Acetate content: 9.7% Residual trifluoroacetate content: 0.0%