

Analytical Data Sheet

Lot number **1066333**
not for drug use

Catalog number **H-7420.0001**
Product number **4014556.0001**
Product **Hirudin (54- 65) (desulfated) trifluoroacetate salt**
H- Gly- Asp- Phe- Glu- Glu- Ile- Pro- Glu- Glu- Tyr- Leu-
Gln- OH trifluoroacetate salt
Molecular formula $C_{66}H_{93}N_{13}O_{25}$
Relative molecular mass 1468.54

Tests	Results
Appearance	white powder with lumps
Appearance of solution	clear , colorless solution (10 mg/ml in water)
Identification (ESI-MS)	m = 1468.5u
Amino acid analysis	Asx 0.96 (1) Gly 0.91 (1) Pro 1.00 (1) Leu 1.00 (1) Ile 0.99 (1) Phe 1.10 (1) Tyr 1.02 (1) Glx 5.22 (5)
Purity (HPLC)	94.5% (TFA) 96.0% (TEAP) 98.4% (NaClO ₄)
Assay (elemental analysis)	87.7% (Nth 12.40 %, Nfd 10.87 %)
Water content (KF volumetric)	5.3%
General comment	product supplied as a trifluoroacetate salt

Latest update: June 14, 2016

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