

Analytical Data Sheet

Lot number **1073811**
not for drug use

Catalog number H-7388.0005
Product number 4087382.0005
Product **Lactoferricin B25 trifluoroacetate salt**
H- Phe- Lys- Cys- Arg- Arg- Trp- Gln- Trp- Arg- Met-
Lys- Lys- Leu- Gly- Ala- Pro- Ser- Ile- Thr- Cys- Val-
Arg- Arg- Ala- Phe- OH trifluoroacetate salt
(Disulfide bond)
Molecular formula $C_{141}H_{224}N_{46}O_{29}S_3$
Relative molecular mass 3123.82

Tests	Results
Appearance	white powder
Identification (MALDI-MS)	3123.43
Amino acid analysis	Thr 1.01 (1) Ala 2.16 (2) Leu 1.00 (1) Ser* 0.77 (1) Cys* 0.11 (2) Phe 1.96 (2) Glx 1.10 (1) Val 0.97 (1) Lys 3.13 (3) Pro 0.98 (1) Met* 0.19 (1) Trp* 0.08 (2) Gly 1.03 (1) Ile 1.05 (1) Arg 4.61 (5) *Partially destroyed during acid hydrolysis
Solubility	soluble in 0.1% TFA in water
Purity (HPLC)	>95%
Assay (AAA)	73.1%

Latest update: October 30, 2017

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