

Analytical Data Sheet

Lot number	1000052669 not for drug use
Product	(Deamino-Cys¹,D-Arg⁸)-Vasopressin acetate salt 3-Mercaptopropionyl-Tyr-Phe-Gln-Asn-Cys-Pro-D-Arg-Gly-NH ₂ acetate salt (Disulfide bond)
Product number	4012273.0001
Molecular formula	C ₄₆ H ₆₄ N ₁₄ O ₁₂ S ₂
Relative molecular mass	1069.23

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Amino acid analysis	Asx 1.0 Glx 1.0 Pro 1.0 Gly 1.0 Cys 0.5 Tyr 0.9 Phe 1.0 Arg 1.0
Purity (HPLC)	99.7% (TEAP)
Assay (elemental analysis)	89.2% (Nth 18.34%, Nfd 16.36%)
Water content (KF volumetric)	4.8%
Peptide content	89.1%
Acetic acid content (HPLC)	6.1%

Latest update: August 06, 2021

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