

Analytical Data Sheet

Lot number **1000055644**
not for drug use

Product H-Ala-His-Lys-OH acetate salt

Product number **4012005.0250**

Molecular formula $C_{15}H_{26}N_6O_4$

Relative molecular mass 354.41

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5% in AcOH 80%)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/3 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Effective content	72.6%
Water content (KF volumetric)	1.3%
Acetic acid content (HPLC)	25.6%

Latest update: September 21, 2021

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