

Analytical Data Sheet

Lot number **1073215**
not for drug use

Catalog number H-5035.0050
Product number 4003033.0050
Product **Tuftsina acetate salt**
H- Thr- Lys- Pro- Arg- OH acetate salt
Molecular formula C₂₁H₄₀N₈O₆
Relative molecular mass 500.60

Tests	Results
Appearance of solution	clear, colorless solution (50 mg/mL in water)
Identification (ESI-MS)	m = 500.6u (average mass)
Identification (TLC)	complies with authentic material
Purity (HPLC)	98.4% (ion pair C7)
Purity (TLC)	> 98%
TLC conditions	n-butanol/acetic acid/H ₂ O 4/2/2 isopropanol/ammonia conc. 1/1 methanol/chloroform/ammonia 17% 2/2/1 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	84.8% (Nth 22.38%, Nfd 18.98%)
General comment	hygroscopic product

Latest update: August 31, 2017

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