

Analytical Data Sheet

Lot number

1015528

not for drug use

Catalog Number	H-7265.0025
Product number	4014615.0025
Product	α-MSH (11-13) · 2 HCl H- Lys- Pro- Val- NH ₂ · 2 HCl
Molecular formula	C ₁₆ H ₃₁ N ₅ O ₃ · 2 HCl
Relative molecular mass	414.38

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (50 mg/ml in MeOH)
Identification (ESI-MS)	m = 341.5u (average mass)
Identification (TLC)	complies with authentic material
Purity (TLC)	> 99%
TLC conditions	isopropanol/ammonia conc. 1/1 n-butanol/acetic acid/H ₂ O 4/2/2 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine
Assay (elemental analysis)	78.3% (Nth 20.51 %, Nfd 16.06 %)
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1015528