

Analytical Data Sheet

Lot number

1014592

not for drug use

Catalog Number	H-3812.0005
Product number	4040741.0005
Product	Tyrosinase (192– 200) (human, mouse) acetate salt H- Ser- Glu- Ile- Trp- Arg- Asp- Ile- Asp- Phe- OH acetate salt
Molecular formula	C ₅₄ H ₇₇ N ₁₃ O ₁₇
Relative molecular mass	1180.28

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (1 mg/ml in DMSO)
Identification (ESI-MS)	m = 1180.1 u (average mass)
Amino acid analysis	Asx 2.20 (2) Ser 0.99 (1) Arg 1.09 (1) Ile 1.82 (2) Phe 1.26 (1) Trp det. (1) Glx 1.00 (1)
Purity (HPLC)	96.7% (TFA) 97.9% (TEAP)
Assay (elemental analysis)	84.3% (Nth 15.43 %, Nfd 13.01 %)
Latest update: October 24, 2008	Analytical Data Sheet Lot number 1014592