

Analytical Data Sheet

Lot number

1049906

not for drug use

| | |
|--------------------------------|---|
| Catalog Number | H-3812.0001 |
| Product number | 4040741.0001 |
| 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: September 12, 2013 | Analytical Data Sheet Lot number 1049906 |