

# Analytical Data Sheet

Lot number

## 1016432

not for drug use

<b>Catalog Number</b>	H-4416.0001
<b>Product number</b>	4040151.0001
<b>Product</b>	(Val <sup>438</sup> ) – Tyrosinase (432– 444) (human) acetate salt H– Ser– Tyr– Leu– Gln– Asp– Ser– Val– Pro– Asp– Ser– Phe– Gln– Asp– OH acetate salt
<b>Molecular formula</b>	C <sub>65</sub> H <sub>93</sub> N <sub>15</sub> O <sub>26</sub>
<b>Relative molecular mass</b>	1500.54

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (10 mg in water) clear, colorless solution (10 mg/ml in dimethylsulfoxide)
<b>Identification (FAB–MS)</b>	[M + H] <sup>+</sup> : m/z = 1500.65 u
<b>Amino acid analysis</b>	Asx 2.83 (3) Phe 1.03 (1) Pro 1.02 (1) Glx 2.09 (2) Tyr 1.00 (1) Leu 1.00 (1) Ser 2.67 (3) Val 1.01 (1)
<b>Purity (HPLC)</b>	98.4% (TFA) 98.6% (TEAP) 98.0% (NaClO <sub>4</sub> )
<b>Assay (elemental analysis)</b>	89.6% (Nth 14.00 %, Nfd 12.55 %)
Latest update: October 24, 2008	