



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog No.: 06-074
Product Name: GHRP-2
Lot No.: 1407485
Manufacture date: March 2014
Expiration/Retest date: March 2016

CAS: [158861-67-7]
M.W.: 817.97
Formula: $C_{45}H_{55}N_9O_6$
Storage: Store @ 2-8°C

TEST		SPECIFICATION	RESULT
1	<i>Appearance</i>	<i>White powder</i>	<i>White powder</i>
2	<i>Solubility</i>	<i>Soluble in water or acetic acid to give a clear, colorless solution</i>	<i>Conforms</i>
3	<i>Identification (MS)</i>	817.97±1.0	817.4
4	<i>Amino Acid Composition</i>	±10% of theoretical	<i>Conforms</i>
4	<i>Peptide Purity (By HPLC)</i>	≥95.0% by area integration	99.87%
5	<i>Related Substance (By HPLC)</i>	Total Impurities(%) ≤ 5.0% Largest Single Impurity(%) ≤ 2.0%	0.13% 0.08%
6	<i>Acetate Content (By HPLC)</i>	≤15.0%	13.9%
7	<i>Water Content (Karl Fischer)</i>	≤8.0%	2.0%
8	<i>Bacterial Endotoxins</i>	≤5EU/mg	<i>Conform</i>
9	<i>Peptide Content (N determination)</i>	≥80.0%	83.0%
10	<i>Assay (By Anhydrous, Acetic Acid-free)</i>	95.0 ~ 105.0%	98.9%

Caution: Only for Research, Not for Human Use