Product Specifications

Product Name: **Nesiritide Acetate**

CAS No.: **114471-18-0**

Sequence: Ser-Pro-Lys-Met-Val-Gln-Gly-Ser-Gly-Cys-Phe-Gly-Arg-Lys-Met-Asp-Arg-Ile-Ser-Ser-Ser-Ser-Gly-Ieu-Gly-Cys-Lys-Val-Leu-Arg-Arg-His-OH

Mol. Formula $C_{143}H_{244}N_{50}O_{42}S_4$ **Mol. Wt.** 3464.04

Test	*Specification*
Appearance	White powder
Specific Optical Rotation (c=0.5, 1%HAc)	-75.0 ~ - 85.0°
Purity (HPLC)	98.0%
Single Impurity (by HPLC)	< 1.0%
Acetate Content (HPLC)	< 15.0%
Peptide Content (by %N)	80%
Amino Acid Composition	±10% of theoretical
Bacterial Endotoxins	< 5 EU/mg
Water Content (K-F)	< 10.0%

***Storage*: Maintain in dry, cold (2-8 °C) containment.**