



CERTIFICATE OF ANALYSIS

PRODUCT: **Caspase-3 Inhibitor (Biotin)**
[Apopain/ CPP-32 Inhibitor (Biotin); Biotinyl-Asp-Glu-Val-Asp-CHO]; $C_{28}H_{42}N_6O_{12}S$, M.W. 686.7

PRODUCT NUMBER: C-1119

LOT NUMBER: A6262

APPEARANCE: White lyophilized powder

SOLUBILITY: 1 mg/ml in 50% AcOH in water with agitation.

PURITY (HPLC): >99.5%

PEPTIDE CONTENT: 87%

ES-MS: Identical to standard reference

| | | |
|-----------------------------|------------------------|-----------------|
| AMINO ACID ANALYSIS: | SPECIFICATIONS: | RESULTS: |
| | Asp: 0.80-1.20 | Asp: 1.00 |
| | Glu: 0.80-1.20 | Glu: 0.95 |
| | Val: 0.80-1.20 | Val: 0.85 |

STORAGE & HANDLING: Keep cool and dry at $-20^{\circ}C$. Do Not freeze/thaw. Material is not sterile. **PACKAGED UNDER NITROGEN!**

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: **KT**