

## PRODUCT SPECIFICATION

**Product Name:** Melittin from honeybee venom  $\geq 98\%$  (HPLC)

**Product Number:** BCM-001-M(98)

**CAS Number:** 20449-79-0

**Formula (Hill Notation):**  $C_{131}H_{229}N_{39}O_{31}$

**Molecular Weight:** 2,846.46 g/mol (monomer)

TEST	Forecast	Actually
Appearance (Form)	Lyophilized powder	Lyophilized powder
Appearance (Colour)	White to Faint Tan or Faint Yellow	Faint Yellow
Solubility (Solvent)	Water	Water
Solubility (Conc.)	5.00-5.20 mg/ml	5.00 mg/ml
Solubility (Turbidity)	Clear	Clear
Solubility (Colour)	Colorless to Faint Yellow	Colorless
Protein Content (Method)	Bradford	Bradford
Protein Content (% Protein)	$\geq 90\%$	99 %
Purity (HPLC)	$\geq 98\%$	98 %
Recommended Retest Period	3 years	

Signature:

Date: