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## Product Specification

Product Name:

Melittin from honey bee venom -  $\geq 85\%$  (HPLC)

Product Number:

**M2272**

CAS Number:

20449-79-0

Formula:

C<sub>131</sub>H<sub>229</sub>N<sub>39</sub>O<sub>31</sub>

Formula Weight:

2,846.46 g/mol

### TEST

### Specification

Appearance (Form)	Lyophilized Powder
Appearance (Colour)	White to Faint Tan or Faint Yellow
Solubility (Solvent)	Water
Solubility (Conc)	5.00 - 5.20 mg/ml
Solubility (Turbidity)	Clear
Solubility (Color)	Colorless to Faint Yellow
Protein Content (Method)	Biuret
Prot. Content (% Protein)	$\geq 90.00\%$
Purity (HPLC)	$\geq 85.00\%$
Contamination (Contaminant)	PLA2
Contamination (Det. Method)	HPLC
Contamination (% detected)	$\leq 0.500\%$
Recommended Retest Period	-----
3 Years	

Specification: PRE.0.ZQ5.10000001563

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.