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Product Specification

Product Name:

Phospholipase A2 from honey bee venom (*Apis mellifera*) – salt-free, lyophilized powder, 600–2400 units/mg protein

Product Number:

P9279

TEST	Specification
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Appearance (Form)	Powder
Lyophilized	
Appearance (Colour)	White to grey
Solubility (Solvent)	Water
Solubility (Conc)	1.00 - 1.10 mg/ml
Solubility (Turbidity)	Clear to Slightly Hazy
Solubility (Color)	Colorless
Protein Content (Method)	Biuret
Prot. Content (% Protein)	≥ 85.00 %
Enzym. Assay (Spec. Activity)	600.00 - 2400.00 U/mgP
Storage Conditions	Desiccated
Unit Definition	-----
One unit will hydrolyze 1.0 μmole of soybean L-A-phosphatidylcholine to L-A-lysophosphatidylcholine and a fatty acid per min at pH 8.9 at 25 °C.	
Recommended Retest Period	-----
5 Years	

Specification: PRE.0.ZQ5.10000003302

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.