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Product Specification

Product Name:

Cardiolipin solution from bovine heart - 4.7-5.3 mg/mL in ethanol, ≥97% (TLC), Suitable for manufacturing of diagnostic kits and reagents

Product Number: SRE0029

MDL: MFCD00071040

Storage Temperature: -20 °C

TEST	Specification
Appearance (Color)	Colorless to Faint Yellow
Appearance (Form)	Liquid
Appearance (Turbidity)	Clear
Solids Content in EtOH	4.7 - 5.3 mg/ml
Phosphorus (P)	3.8 - 4.4 %
Sodium (Na)	2 - 3 %
Purity (GC)	≥ 80 %
polyunsaturated fatty acid content as primarily linoleic acid	
Purity (TLC)	≥ 97 %
Cardiolipin by HPLC	Conforms to Profile
HPLC - (C18:2)4 Tetralinoleoyl; Approximately 60%	Conforms
HPLC - (C18:2)3 (C18:1)1 Trilinoleoyl Monooleoyl; Approximately 15%	Conforms
HPLC - (C18:2)2 (C18:1)2 Dilinoleoyl Dioleoyl; Approximately 4%	Conforms
HPLC - (C18:2)3 (C18:3)1 Trilinoleoyl Monolinolenyl; Approximately 2%	Conforms
Recommended Retest Period	-----
1 year	

Specification: PRD.2.ZQ5.10000060996

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.