



INDOFINE Chemical Company, Inc.

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Technical Data Sheet

Product: 17-1000 Decanoyl-L-Carnitine Chloride

Alternative description: Capryl-Carnitine Chloride

Formula: $(\text{CH}_3)_3\text{N}^+\text{CH}_2\text{CH}(\text{CH}_2\text{COOH})\text{CH}_2\text{COO}(\text{CH}_2)_8\text{CH}_3\text{Cl}^-$

Formula Wt: 351.9

Source: A synthetic preparation

Analysis:

Elemental C: 58.02% H: 9.73% N: 3.97% Cl: 10.07%

TLC Silica gel G Chloroform-Methanol-0.1M NaAc (4:4:1 v/v)
R_f-value: 0.24 (Iodine)

Physical state: White crystalline powder

Store at: Refrigerator (0-4° C)