



# INDOFINE Chemical Company, Inc.

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## Technical Data Sheet

**Product:** 17-0400 Butyryl-L-Carnitine Chloride

**Formula:**  $(\text{CH}_3)_3\text{N}^+ \text{CH}_2 \underset{\text{O}-\text{COCH}_2\text{CH}_2\text{CH}_3}{\text{CH}} \text{CH}_2 \text{COOH} \cdot \text{Cl}^-$

**Formula Wt:** 267.7

**Source:** A synthetic preparation

**Purity** 98+ % by TLC (Silica gel G, Chloroform-Methanol-0.1 M NaAc (4:4:1 v/v, Iodine))

**Elemental** C: 49.34% H: 8.28% N: 5.22% Cl: 13.23%

**TLC** Silica gel G Chloroform-Methanol-0.1 M NaAc (4:4:1 v/v)  
Rf: 0.18 (Iodine)

**Physical state:** White crystalline powder

**Store at:** Refrigerator