



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-2437
Lot Number 001529-502953
Product **L-Serine *tert*-butyl ester hydrochloride**

L-Ser-OtBu•HCl

L-β-Hydroxyalanine *tert*-butyl ester hydrochloride

CAS Number 106402-41-9
Molecular Formula $C_7H_{15}O_3N \cdot HCl$

Molecular Weight 197.62

Appearance White powder
Solubility Clear colorless solution (5% in MeOH)
Melting Point 137.4 °C
TLC System Chloroform/MeOH/Acetic Acid 32% (5:3:1)
Titration Chloride content: 17.7%
Purity by TLC > 99%
Storage Store at ≤ -15 °C