



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-2423
Lot Number 000424-130315-21701
Product **Sarcosine *tert*-butyl ester hydrochloride**

Sar-OtBu•HCl

N-Methylglycine *t*-butyl ester hydrochloride

CAS Number 5616-81-9
Molecular Formula $C_7H_{15}NO_2 \cdot HCl$

Molecular Weight 181.7

Appearance White crystalline powder
Solubility Clear solution (0.3 gram in 2 mL MeOH)
Melting Point 140.8-141.2 °C
Water Content (Karl Fisher) 0.089%
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.10% (60 °C, 2 hour)
¹H NMR Conforms to structure
Purity by HPLC 99.92%
Storage Store at 0-8°C

Prepared by:
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