



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number 04-1585
Lot Number 130329-11030
Product **Glycine *tert*-butyl ester hydrochloride**

Gly-OtBu•HCl

t-Butyl glycinate hydrochloride

CAS Number 27532-96-3
Molecular Formula $C_6H_{13}NO_2 \cdot HCl$
Molecular Weight 167.6

Appearance White crystalline powder
Solubility Clear solution (0.3 gram in 2 ml H₂O)
Melting Point 129.7-130.4 °C
Water Content (Karl Fisher) 0.11%
Infrared Spectrum Conforms to structure
Analysis by Mass Spectra Conforms to structure
Loss on Drying 0.14% (70 °C for 2 hours)
¹H NMR Conforms to structure
Purity by HPLC 99.97%
Storage Store at 0-8°C