



# INDOFINE Chemical Company, Inc.

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## CERTIFICATE OF ANALYSIS

**CAT. No.: 04-128**

<u>Product Name:</u>	<b>D-ALANINE t-BUTYLESTER HCl (H-D-Ala-OtBu . HCl)</b>
<u>Lot Number:</u>	9480
<u>Chemical Formula:</u>	C <sub>7</sub> H <sub>15</sub> NO <sub>2</sub> . HCl
<u>Molecular Weight:</u>	181.7
<u>Melting Point:</u>	156.0-162.0°C
<u>Appearance:</u>	White powder
<u>TLC semi quantitative:</u>	Conforms to reference, <1% impurities
<u>[α]<sup>24</sup><sub>D</sub>:</u>	-14.3°C (2% EtOH)
<u>Assay (AgNO<sub>3</sub>):</u>	97.9%
<u>Water Content (KF):</u>	0.5%

