



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

Cat No.: 04-1060

<u>Product:</u>	Z-L-CYCLOHEXYLALANINE (Z-Cha-OH)
<u>CAS Number:</u>	[25341-42-8]
<u>Lot Number:</u>	3676-AA/1
<u>Molecular Formula:</u>	C ₁₇ H ₂₃ NO ₄
<u>M.W.:</u>	305.3
<u>Appearance:</u>	Pale yellow, clear liquid
<u>[α]_D²⁰:</u>	-13.5° (1% MeOH)
<u>TLC:</u>	Single spot
<u>Purity:</u>	96.6% (HPLC)
<u>Assay:</u>	96.7% (Titr.)
<u>Water content:</u>	1.1% (KF)
<u>Residual solvent:</u>	2.4% EtOAc (GC)
<u>D-Enantiomer:</u>	< 0.1%