



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

CAT. No.: 04-138

<u>Product Name:</u>	Z-L-ALANINE METHYLESTER (Z-Ala-OMe)
<u>Lot Number:</u>	7802-BA/1
<u>Chemical Formula:</u>	C ₁₂ H ₁₅ NO ₄
<u>Molecular Weight:</u>	237.3
<u>Melting Point:</u>	49-50°C
<u>Appearance:</u>	White, crystalline powder
<u>[α]_D²⁰:</u>	-34.6°C (2% MeOH)
<u>TLC:</u>	Conforms to reference, < 0.1% H-Ala-OMe
<u>Purity:</u>	99.0% (HPLC)
<u>Water content:</u>	0.1% (KF)
<u>D-Enantiomer:</u>	0.1%