



# INDOFINE Chemical Company, Inc.

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## Certificate of Analysis

Catalog Number	04-2129
Product Name	Z-N-Me-Leu-OH Z-N <sup>α</sup> -methyl-L-leucine
Lot Number	12899-V
CAS Registry Number	33099-08-0
Molecular Formula	C <sub>15</sub> H <sub>21</sub> NO <sub>4</sub>
Molecular Weight	279.3
Melting Point	71-73°C
Specific Rotation[α] <sub>D</sub>	-25° (c=1.04; Ethanol)
TLC	Ethyl acetate: Methylene chloride: acetic acid:20:20:0.2 R <sub>f</sub> = 0.74
HPLC	Purity 98 %, Vydac C <sub>18</sub> column, gradient elution 30-80% B, t <sub>R</sub> = 20.6 min, ε = 214nm, flow rate 1ml/min, injection 1 μl of 0.5% solution in methanol. A = water:trifluoroacetic acid 100:0.5 B = acetonitrile:water:trifluoroacetic acid 90:10: 0.38
Storage	Store at 0-5°C