



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

CAT. No.: 04-2343

<u>Product Name:</u>	PHATHALYL-L-ISOLEUCINE (Pht-Ile-OH)
<u>Lot Number:</u>	7015-AA/1
<u>Molecular Weight:</u>	261.3
<u>Melting Point:</u>	121-125°C
<u>Appearance:</u>	White crystalline powder
<u>$[\alpha]_D^{20}$:</u>	-47.8°C (2% EtOH)
<u>TLC:</u>	Conforms to reference, < 0.1% H-Ile-OH
<u>Purity (HPLC):</u>	99.7%
<u>Assay (Titr.):</u>	99.7%
<u>Water content (KF):</u>	<0.1%
<u>Enantiomeric purity:</u>	0.43% H-D-allo-Ile-OH <0.1% H-D-Ille-OH <0.1% H-allo-Ile-OH 99.5% H-Ile-OH