



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

CAT. No.: 04-818

<u>Product Name:</u>	BOC-D-NORLEUCINE LIQUID (Boc-D-Nle-OH)
<u>CAS Number:</u>	[55674-63-0]
<u>Lot Number:</u>	8844-AI/3
<u>Molecular Formula:</u>	C ₁₁ H ₂₁ NO ₄
<u>Molecular Weight:</u>	231.3
<u>Appearance:</u>	Clear colorless liquid
<u>[α]_D²⁰:</u>	+12.8°C
<u>Purity (HPLC):</u>	99.2%
<u>Assay (NaOH):</u>	94.2%
<u>Residual solvents(GC):</u>	4.6% MTBE
<u>Water Content(KF):</u>	0.3%
<u>L-Enantiomer:</u>	<0.1%
<u>Storage:</u>	Store at 4°C, dry

