



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

CAT. No.: 04-2493

<u>Product Name:</u>	D-THREONINE (H-D-Thr-OH)
<u>CAS Number:</u>	[632-20-2]
<u>Lot Number:</u>	4707
<u>Molecular Formula:</u>	C ₄ H ₉ NO ₃
<u>Molecular Weight:</u>	119.1
<u>Appearance:</u>	White crystalline powder
<u>[α]_D²⁰:</u>	+28.3°C (5% H ₂ O)
<u>Assay:</u>	98.9% (Titr.)
<u>Loss on drying:</u>	< 0.1%
<u>Residue on ignition:</u>	< 0.1%
<u>Enantiomeric purity:</u>	H-D-Thr-OH 99.8% H-Thr-OH < 0.1% H-D-allo-Thr-OH 0.1% H-allo-Thr-OH < 0.1%