



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	025644
Lot Number	QPM0351
Product	DL-Threonine
	DL-Thr-OH
	DL-2-Amino-3-hydroxybutyric acid
CAS Number	80-68-2
Molecular Formula	C ₄ H ₉ NO ₃
Molecular Weight	119.1

Solubility	Clear and colorless (C=5 in Water)
Heavy Metals	< 10 ppm
Arsenic (As ₂ O ₂)	< 1 ppm
Anion	Chloride (Cl ⁻): < 0.02% Sulfate (SO ₄ ²⁻): < 0.03%
Cation	Ammonium (NH ₄): < 0.02% Iron (Fe): < 10 ppm
Loss on Drying	0.03%
Other Amino Acids	Not detected by TLC (the spotted amount of 10 µg)
Residue On Ignition	0.00%
Assay by titration	99.9%
Storage	Store at RT

Prepared by:
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