



INDOFINE Chemical Company, Inc.

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CERTIFICATE OF ANALYSIS

Product:	5-Amino-DL-tryptophan
Code No:	BIO-501
CAS No:	6383-69-3
Formula:	$C_{11}H_{13}N_3O_2$
Batch No:	470583
Appearance:	Light brown crystalline powder
Colour of solution: (0.5% in 1 M NaOH)	Light brown
Turbidity: (0.5% in 1 M NaOH)	1.8 NTU
Colour of solution: (0.5% in 1 M HCl)	Almost colourless
Turbidity: (0.5% in 1 M HCl)	1.8 NTU
Loss on drying: (105 °C, 4 hours, vacuum)	0.09%
Decomposition point:	270 °C
Titration (0.1 M HClO ₄): (calculated on dry matter)	99.4%
FTIR:	Corresponds to reference spectrum

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