



# INDOFINE Chemical Company, Inc.

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## *Certificate of Analysis*

Catalogue Number 04-2568  
Lot Number 000129-10216  
Product *N*<sup>in</sup>-Formyl-L-tryptophan hydrochloride

L-Trp(For)-OH•HCl

CAS Number 38023-86-8  
Molecular Formula  $C_{12}H_{12}N_2O_3 \cdot HCl$   
Molecular Weight 268.74

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Appearance Off-white powder  
Melting Point 213-216 °C (dec.)  
Optical Rotation  $[\alpha]_D^{20} = -6.4^\circ$  (C=2 in H<sub>2</sub>O)  
Related Substances L-Trp-OH = 0.22%  
Assay by titration 99%  
Purity by HPLC 99.3%  
Purity by TLC > 99%  
Storage Store at 0-8 °C