



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalog Number	04-2213
Product Name	H-Orn(Z)-OH
Lot Number	9702060050
CAS Registry Number	3304-51-6
Molecular Formula	$C_{13}H_{18}N_2O_4$
Molecular Weight	266.3
Appearance	Powder slightly blue
Solubility	Clear, slightly blue (25 mg/mL in 80% AcOH)
Specific Rotation $[\alpha]^{20}_D$	+ 22.6 ° (c=1, HCl-Dioxane)
Identification (NMR)	Conforms
TLC	Conforms
Assay (Titration on dry)	101 %
Residue on ignition (SO₄)	0.66 %
Water Content (KF)	0.2 %
Storage	Store at RT