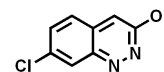


Certificate of Analysis

Date of Manufacture: 2011-07-08 Date of Analysis: 2011-07-08
Batch No: A20110708

Catalog No.: HP71070
Product Name: 7-Chlorocinnolin-3-ol
Formula: C₈H₅ClN₂O
Molecular Weight: 180.59
CAS Number: 101494-93-3



Items	Specifications	Results of Analysis
Appearance:	Yellow powder	Yellow brown powder
¹ H-NMR:	Consistent with structure	Consistent with structure
Assay (HPLC):	96.0%min	97.5%
Loss on Drying:	≤0.5%	0.23%

Storage: Room Temperature, Dry
Origin of Country: P. R. China