

## Certificate of Analysis

Date of Manufacture: 2010-09-01

Date of Analysis: 2010-09-02

Batch No: A20100901

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Product Name: 4-Phenyl-cinnoline HCl

Formula:  $C_{14}H_{10}N_2.HCl$

Molecular Weight: 242.7

CAS Number: 58045-60-6

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Items	Specifications	Results of Analysis
Appearance:	Pale yellow powder	Pale yellow powder
Assay (HPLC):	97.0%min	97.2%
Loss on Drying:	≤0.5%	0.16%

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Storage: Room Temperature, Dry

Origin of Country: P. R. China

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