



# INDOFINE Chemical Company, Inc.

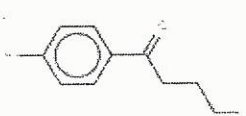
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## CERTIFICATE OF ANALYSIS

<b>Chemical Name:</b> 4-Chloro-4'-fluorobutyrophenone	<b>Catalog number:</b> 09-3233
<b>Chemical Structure:</b>	<b>Batch Number:</b> 2015-128-40
	<b>CAS Registry No.:</b> 3874-54-2
	<b>Formula:</b> C <sub>10</sub> H <sub>10</sub> ClFO
	<b>Molecular Weight:</b> 200.6372032

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### Analysis Data

Items	Specifications	Results
Appearance	colorless, light yellow-greened, yellow brown clean liquid	light yellow-greened clean liquid
Purity	≥98.00%	0.07%
Water (by KF)	≤0.5%	Consistent with structure
Density	1.210~1.230g/ml	1.218g/ml
Single impurity	≤0.5%	0.23%
Total impurities	≤2.0%	0.73%