



INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

Phone: (908) 359-6778 • FAX: (908) 359-1179

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog Number: 021272

Product Name: **4-HYDROXYCHALCONE**
(4-Hydroxybenzylidene acetophenone)

CAS Number: [20426-12-4]

Lot Number: 2502139

Chemical Formula: $C_{15}H_{12}O_2$

Molecular Weight: 224.26

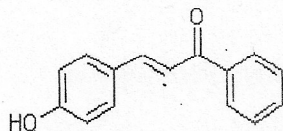
Melting Point: 183-185°C

Appearance: Yellow powder

Solubility: Soluble in DMSO

Storage: Store in a cool ,dry place

Purity(HPLC): 99.69%



Prepared by:
Ramesh Mandadi
Ramesh Mandadi
Director of Operations

Reviewed and Approved by:
Sujata Moton
Sujata Moton
VP



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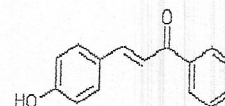
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

<Sample Information>

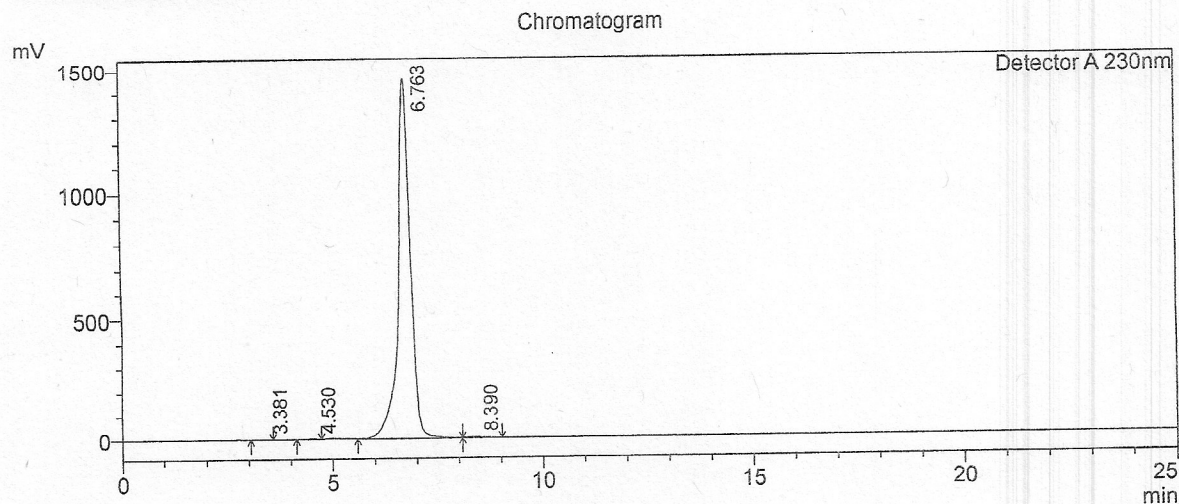
Sample Name : 4-Hydroxy chalcone
Sample ID : #B.NO-4-HC128
Data Filename : 07022025067.lcd
Method Filename : Linear Isocratic Method.lcm
Vial # : 1-8
Injection Volume : 20 uL

Catalog No.: 021272
Product Name: 4-Hydroxychalcone
Lot No.: 2502139



Column: Inertsil ODS-2 : (250 x 4.6mm, 5 um)
MP-A: 0.02M KH₂PO₄ in water
MP-B: Methanol
Flow Rate: 1.0 ml/min
Mobile phase: MP-A; MP-B (30:70)
Acquired by: Sanjeev

<Chromatogram>



<Peak Table>

Detector A 230nm

Peak#	Name	Ret. Time	Area	Area%	Relative Retention Time
1		3.381	2345	0.01	0.50
2		4.530	11798	0.04	0.67
3		6.763	30178720	99.69	1.00
4		8.390	78307	0.26	1.24
Total			30271170	100.00	

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