



# 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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## CERTIFICATE OF ANALYSIS

Cat No.: 17-026

Product: **5'-BROMO-2'-HYDROXY ACETOPHENONE**

CAS Number: [1450-75-5]

Lot Number: 0802006

Chemical Formula: C<sub>8</sub>H<sub>7</sub>BrO<sub>2</sub>

Molecular Weight: 215.05

Melting Point: 57-59°C

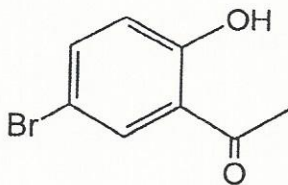
Appearance: White shiny powder

Solubility: Soluble in Chloroform

Storage: Cool dry place

Moisture(KF): 0.34%

Purity(HPLC): 99.13%





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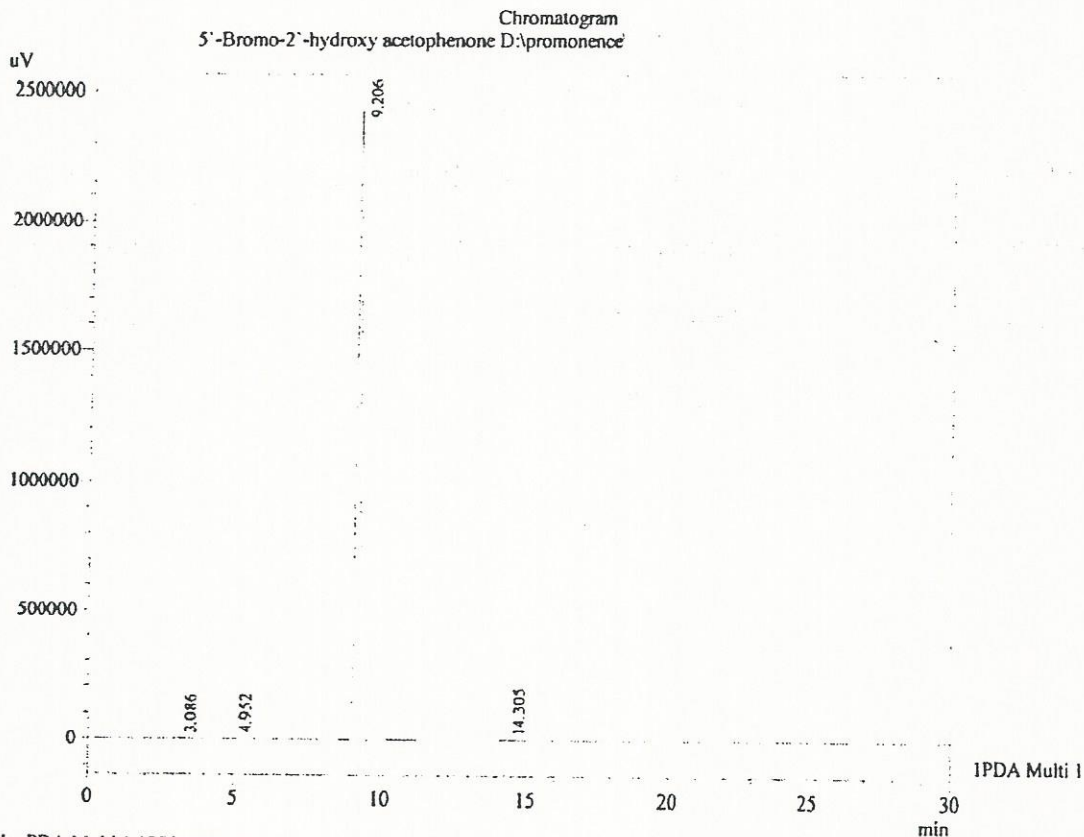
e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

## HPLC ANALYSIS

Acquired by : Ramana  
Sample Name : 5'-Bromo-2'-hydroxy acetophenone  
Sample ID : Final sample  
Injection Volume : 20 uL  
Data Filename : 281207E.lcd  
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 17-026  
Product name: 5'-Bromo-2'-hydroxyacetophenone  
Lot No.: 0802006

Description:  
Column : Gemini C-18, 250X4.6mm 5.0µm  
Flow : 1.000ml/min.  
Mobile Phase : A(40% Water 0.05% TFA) : D(60%ACN)



1 PDA Multi 1 / 220nm 4nm

PeakTable

PDA Ch1 220nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	3.086	66394	6767	0.231
2	4.952	79625	10607	0.277
3	9.206	28474374	2424682	99.137
4	14.305	101958	6453	0.355
Total		28722351	2448510	100.000



INDOFINE Chemical Company, Inc.  
121 STRYKER LANE  
BLDG. 30, SUITE 1  
HILLSBOROUGH, NJ 08844

Catalog No.: 17-026  
Product name: 5'-Bromo-2'-hydroxyacetophenone  
Lot No.: 0802006

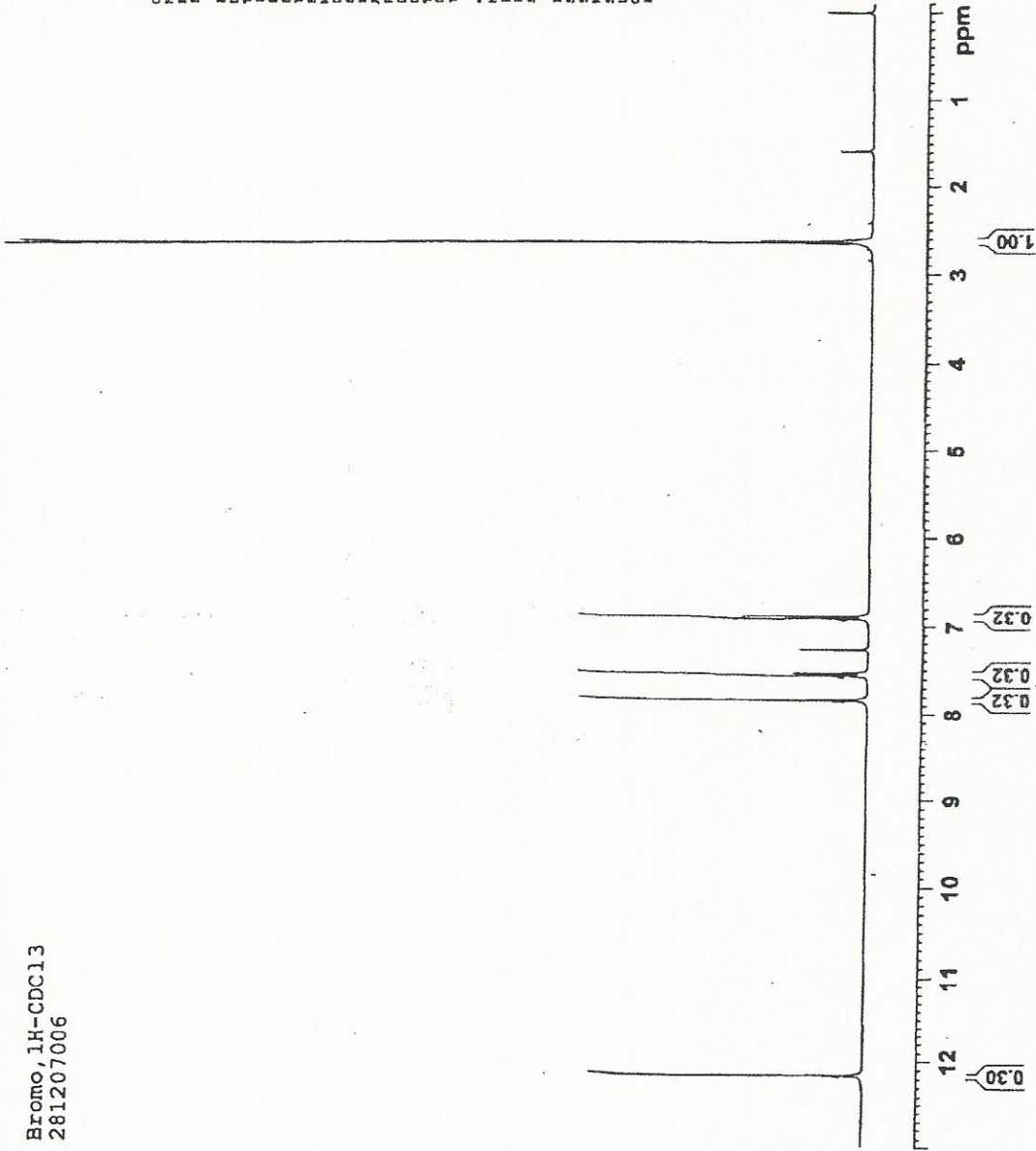
Bromo, 1H-CDC13  
281207006

Current Data Parameters  
NAME: DXT  
EXPHO: 1.48  
PROCNO: 1

F2 - Acquisition Parameters  
Date: 20011228  
Time: 12.47  
INSTRUM: spect  
PULPROG: 5 mm DQJ 13C-1  
TD: 65536  
SOLVENT: CDCL3  
NS: 32  
DS: 2  
AQ: 6188.119 ns  
RG: 5.2953587 sec  
PG: 101  
DM: 80.800 usec  
DE: 6.00 usec  
TE: 300.0 K  
D1: 1.0000000 sec  
TD0: 1

===== CHANNEL f1 =====  
NUC1: 13C  
P1: 11.75 usec  
PL1: 0.00 dB  
SFO1: 300.1318534 MHz

F2 - Processing parameters  
SI: 32768  
SF: 300.1300009 MHz  
WDW: HANN  
SSB: 0  
LB: 0.20 Hz  
GB: 0  
PC: 1.00





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Catalog No.: 17-026  
Product name: 5'-Bromo-2'-hydroxyacetophenone  
Lot No.: 0802006

Bromo, 1H-CDCl3  
281207006

Current Data Parameters  
NAME EXT  
EXPNO 168  
PROCNO 1  
F2 - Acquisition Parameters  
Date\_ 20071228  
Time 12.47  
INSTRUM spect  
PROBHD 5 mm DUL  
PULPROG zgpg30  
TD 65536  
SOLVENT CDCl3  
NS 32  
DS 2  
SWH 6188.113 Hz  
FIDRES 0.09743 Hz  
AQ 5.295367 sec  
RG 101  
DM 80.800 usec  
DE 6.00 usec  
TE 300.0 K  
D1 1.00000000 sec  
TD0 1  
===== CHANNEL F1 =====  
NUC1 1H  
IR 1H  
PL1 0.00 usec  
SFO1 300.1318534 MHz  
F2 - Processing Parameters  
SI 32768  
SF 300.1300000 MHz  
WDW EM  
SSB 0  
LA 0.30 Hz  
GB 0  
PC 1.00

