



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

Cat No.: 17-093

Product: **6,8-DIBROMO-3-FORMYLCHROMONE**

CAS Number: [76743-82-3]

Lot Number: 97086

Chemical Formula: $C_{10}H_4Br_2O_3$

Molecular Weight: 331.95

Melting Point: 173-175°C

Appearance: Pale yellow fluffy powder

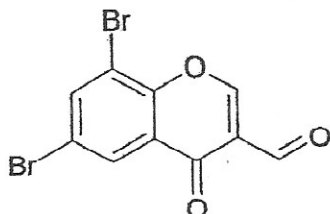
Solubility: Soluble in chloroform

TLC: Chloroform: Methanol (9:1)

NMR Spectrum: Enclosed

Storage: Cool dry place

Purity (HPLC): 99.07%





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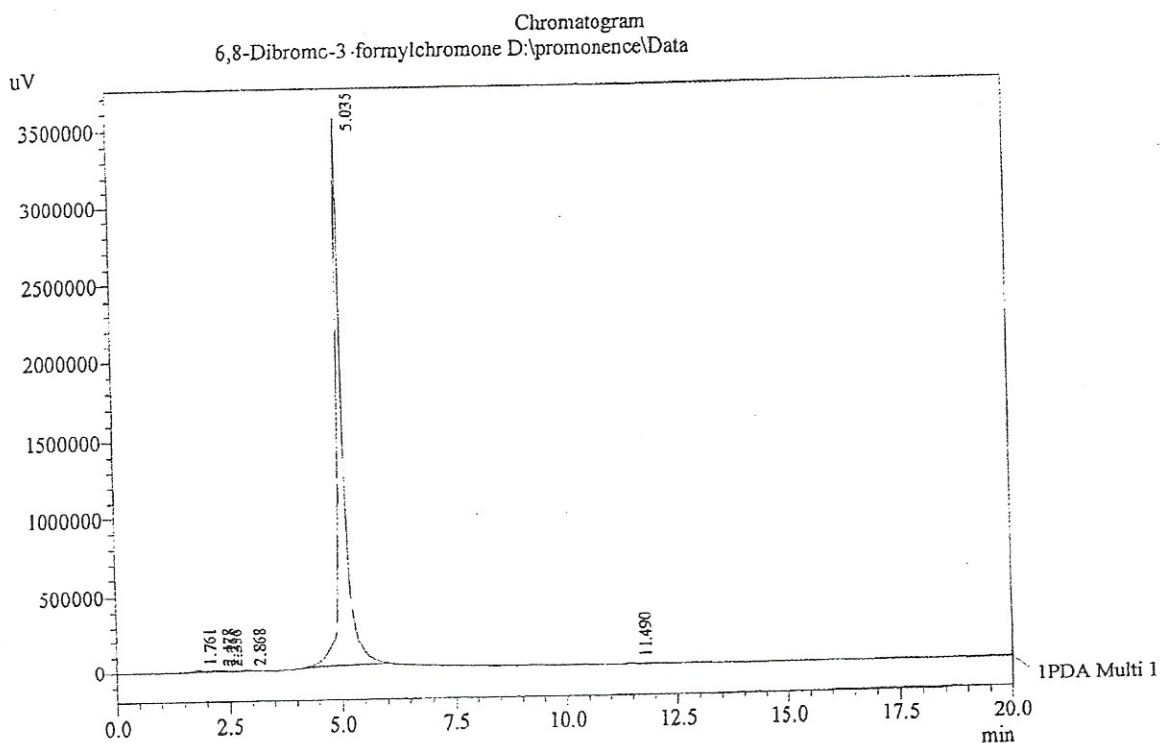
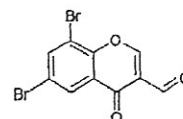
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 6,8-Dibromo-3-formylchromone
Sample ID : Lot No:97086
Injection Volume : 20 uL
Data Filename : 090213A.lcd
Method Filename : Linear Isocratic.M1cm

Catalog No.: 17-093
Product name: 6,8-Dibromo-3-formylchromone
Lot No.: 97086

Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(20% of 0.05% TFA in water) B(80% of Acetonitrile)



1 PDA Multi 1 / 215nm 4nm

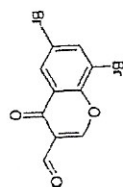
PeakTable

PDA Ch1 215nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:1.761	1.761	94546	0.26	0.35
2	RT:2.178	2.178	40091	0.11	0.43
3	RT:2.261	2.261	16478	0.05	0.45
4	RT:2.336	2.336	5252	0.01	0.46
5	RT:2.868	2.868	35875	0.10	0.57
6	RT:5.035	5.035	36168786	99.07	1.00
7	RT:11.490	11.490	146450	0.40	2.28
Total			36507478	100.00	



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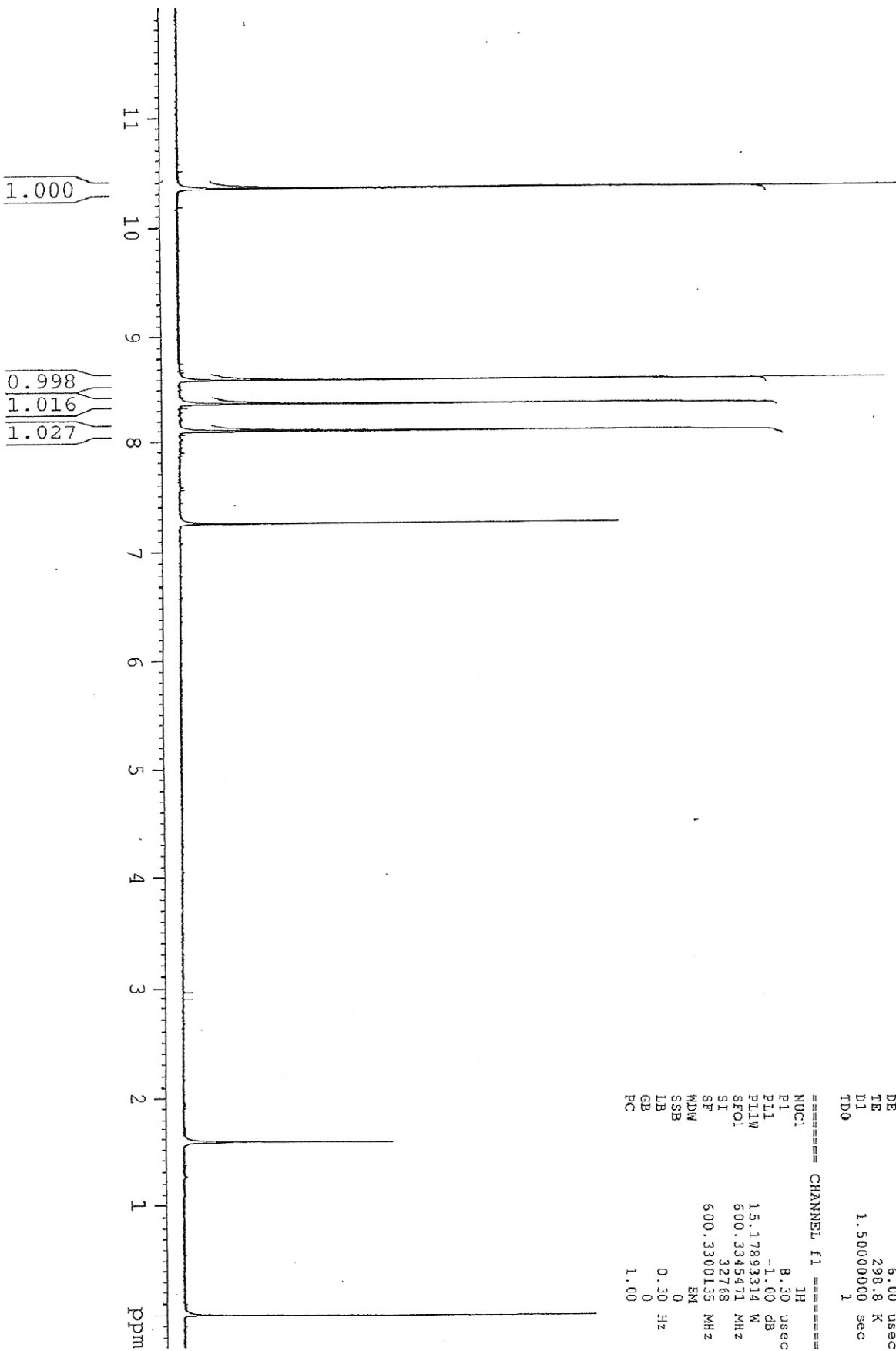


Catalog No.: 17-093
Product name: 6,8-Dibromo-3-formyl
chromone
Lot No.: 97086

¹H IN CDCl₃
AVANCE-600

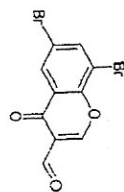
SOLVENT	CDCl ₃
NS	16
DS	0
SWH	10288.065 Hz
FIDRES	0.342958 Hz
AQ	1.4579529 sec
RG	2050
DW	48.600 usec
DE	6.00 usec
TE	298.8 K
D1	1.5000000 sec
TD0	1

===== CHANNEL f1 =====	
	¹ H
NUC1	1H
P1	8.30 usec
PL1	-1.00 dB
PL1W	15.17893314 W
SFO1	600.3345471 MHz
SI	32768
SF	600.3300135 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00



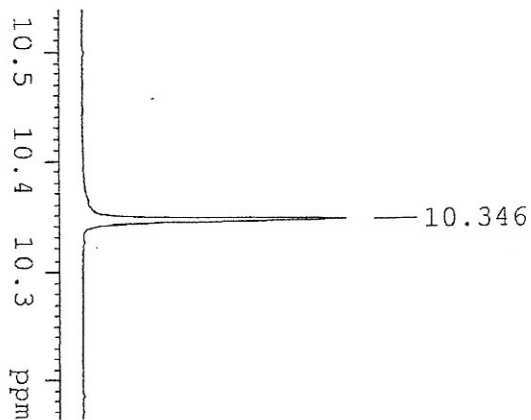


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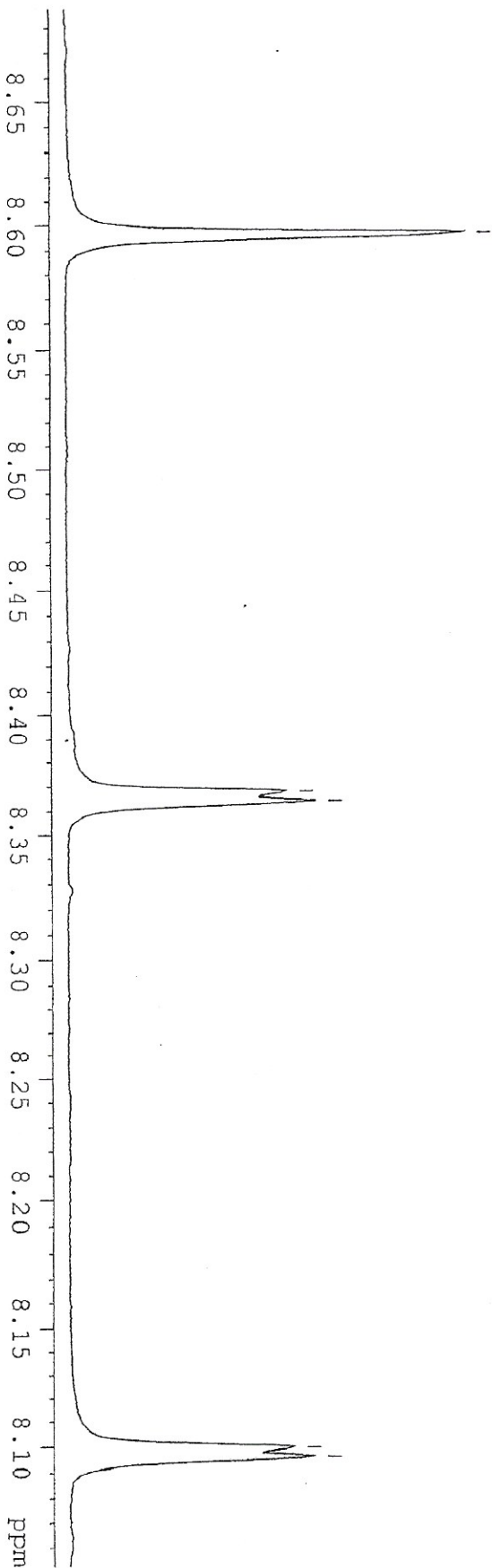
Catalog No.: 17-093
Product name: 6,8-Dibromo-3-formyl
chromone
Lot No.: 97086

¹H IN CDCL₃
AVANCE-600



8.368
8.364

8.100
8.097



SOLVENT	
NS	CDCL ₃
DS	16
SWH	10286.065 Hz
FIDRES	0.342958 Hz
AQ	1.4579529 sec
RG	2050
DW	48.600 usec
DE	6.00 usec
TE	298.8 K
D1	1.5000000 sec
TD0	1

CHANNEL F1	
NUC1	¹ H
P1	8.30 usec
PL1	-1.00 dB
PL1W	15.17893314 W
SFO1	600.3345471 MHz
SI	32768
SF	600.3300135 MHz
WDW	EM
SSB	0
LB	0.30 Hz
GB	0
PC	1.00