



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: B-004

Product Name: **6-BROMO-2-NAPHTHOL**

CAS Number: [15231-91-1]

Lot Number: 97044

Chemical Formula: C₁₀H₇BrO₄

Molecular Weight: 223.07

Melting Point: 121-124°C

Appearance: Pale cream powder

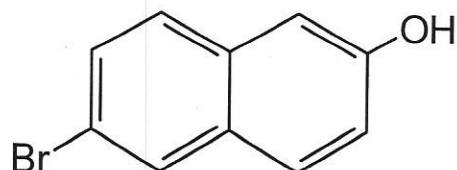
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (9.5:0.5)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 98.26%





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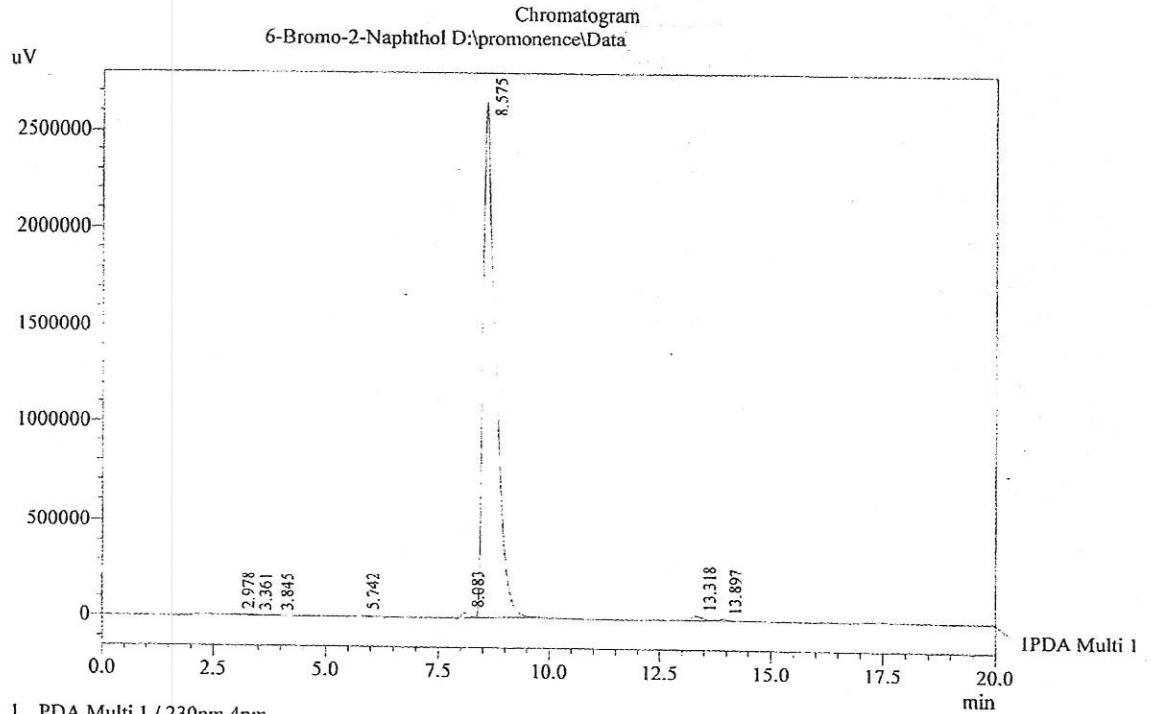
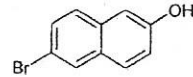
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
Sample Name : 6-Bromo-2-Naphthol
Sample ID : 97044
Injection Volume : 20 uL
Data Filename : 311214A.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: B-004
Product Name: 6-Bromo-2-naphthol
Lot No.: 97044

Column : Gemini C-18, (250mm x4.6mm 5.0µ)
Flow : 1.000 mL/min.
Mobile Phase : A(40% of 0.05% TFA in water) B(60% of Acetonitrile)
Diluent : Mobile phase



1 PDA Multi 1 / 230nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.978	2.978	38772	0.07	0.35
2	RT:3.361	3.361	14074	0.03	0.39
3	RT:3.845	3.845	15698	0.03	0.45
4	RT:5.742	5.742	107393	0.20	0.67
5	RT:8.083	8.083	288547	0.55	0.94
6	RT:8.575	8.575	51767936	98.26	1.00
7	RT:13.318	13.318	342500	0.65	1.55
8	RT:13.897	13.897	108220	0.21	1.62
Total			52683139	100.00	



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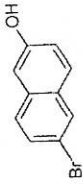
BLDG. 30, SUITE 1

HILLSBOROUGH, NJ 08844

Catalog No.: B-004

Product Name: 6-Bromo-2-naphthol

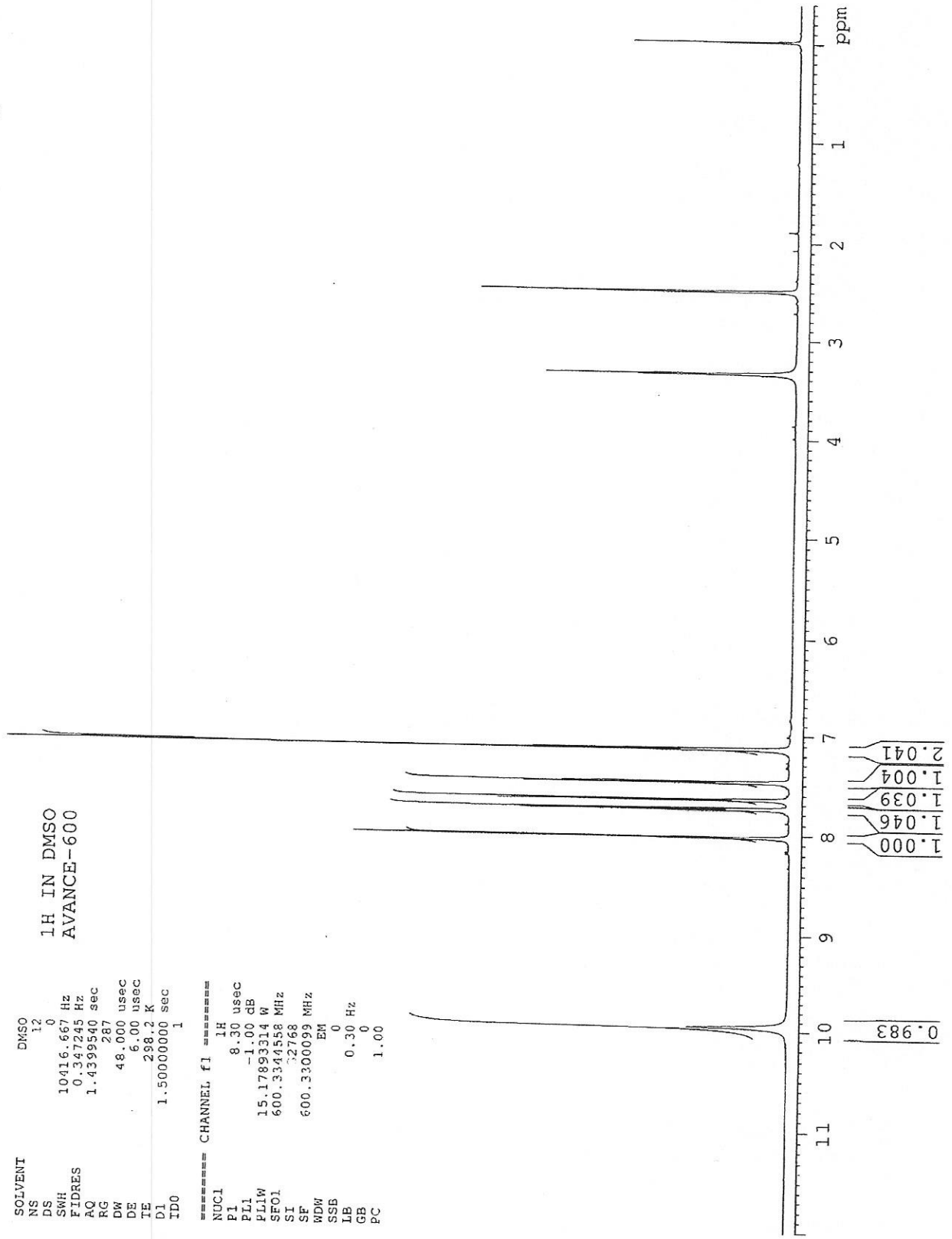
Lot No.: 97044



1H IN DMSO
AVANCE-600

SOLVENT DMSO
 NS 12
 DS 0
 SWH 10416.667 Hz
 FIDRES 0.347245 Hz
 AQ 1.4399540 sec
 RG 287
 DW 48.000 usec
 DE 6.00 usec
 TE 298.2 K
 D1 1.50000000 sec
 TD0 1

===== CHANNEL f1 =====
 NUC1 1H
 P1 8.30 usec
 PL1 -1.00 dB
 FLLW 15.17893314 W
 SF01 600.3344558 MHz
 SI 2768
 SF 600.3300099 MHz
 WDW EM
 SSB 0
 LB 0.30 Hz
 GB 0
 PC 1.00





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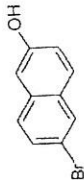
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 SSB 0
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 GB 0
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