



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: 19-155

Product Name: **3-BROMO-4-HYDROXYBENZOIC ACID**

Cas Number: [14348-41-5]

Lot Number: 0810060

Chemical Formula: C₇H₅BrO₃

Molecular Weight: 217.02

Melting Point: 161-162°C

Appearance: White powder

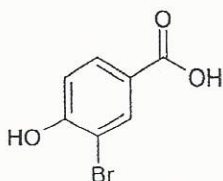
Solubility: Soluble in DMSO

TLC: Chloroform:methanol (8:2)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place.

Purity(HPLC) : 98.48%





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

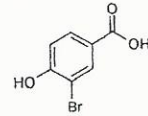
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

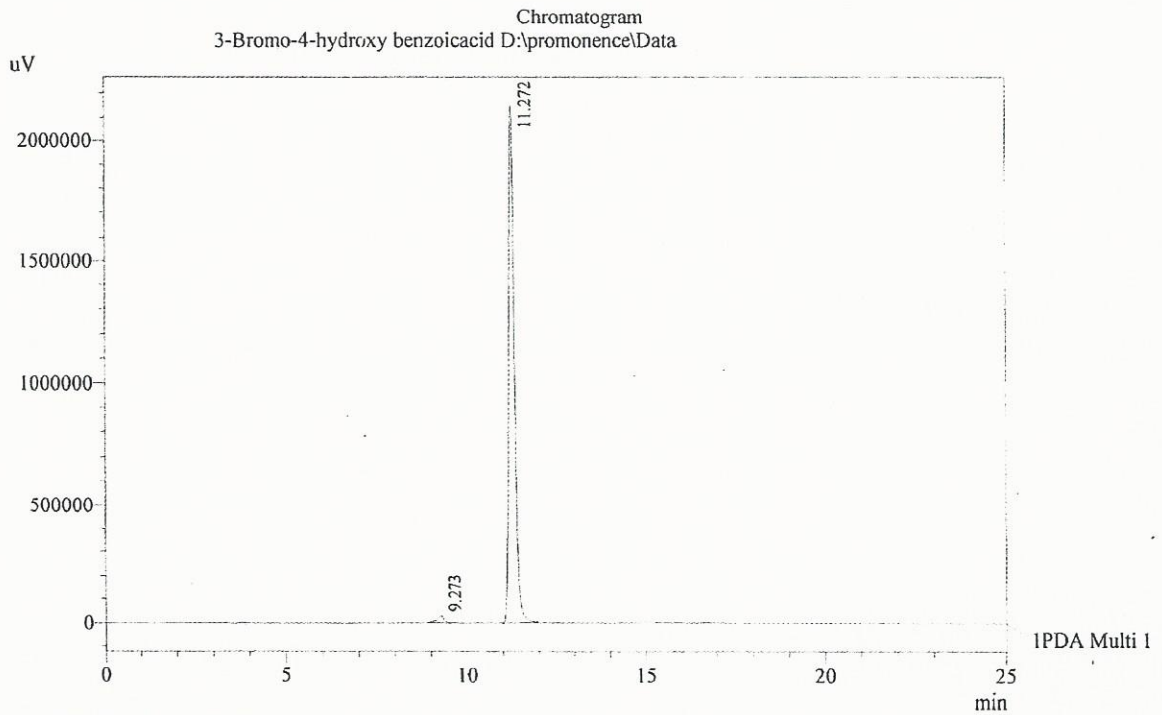
HPLC ANALYSIS

Acquired by : Admin
Sample Name : 3-Bromo-4-hydroxy benzoicacid
Sample ID : Lot no: 081006J
Injection Volume : 20 uL
Data Filename : 180815B.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-155
Product Name: 3-Bromo-4-hydroxybenzoic acid
Lot No.: 0810060



Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05%TFA) : B(ACN)
00.00 : 90 : 10
12.00 : 10 : 90
20.00 : 10 : 90
23.00 : 90 : 10



PDA Ch1 254nm 4nm

PeakTable

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:9.273	9.273	364412	1.52	0.82
2	3-Br-4-OHbenzoicacid	11.272	23605188	98.48	1.00
Total			23969600	100.00	



INDOFINE Chemical Company, Inc.

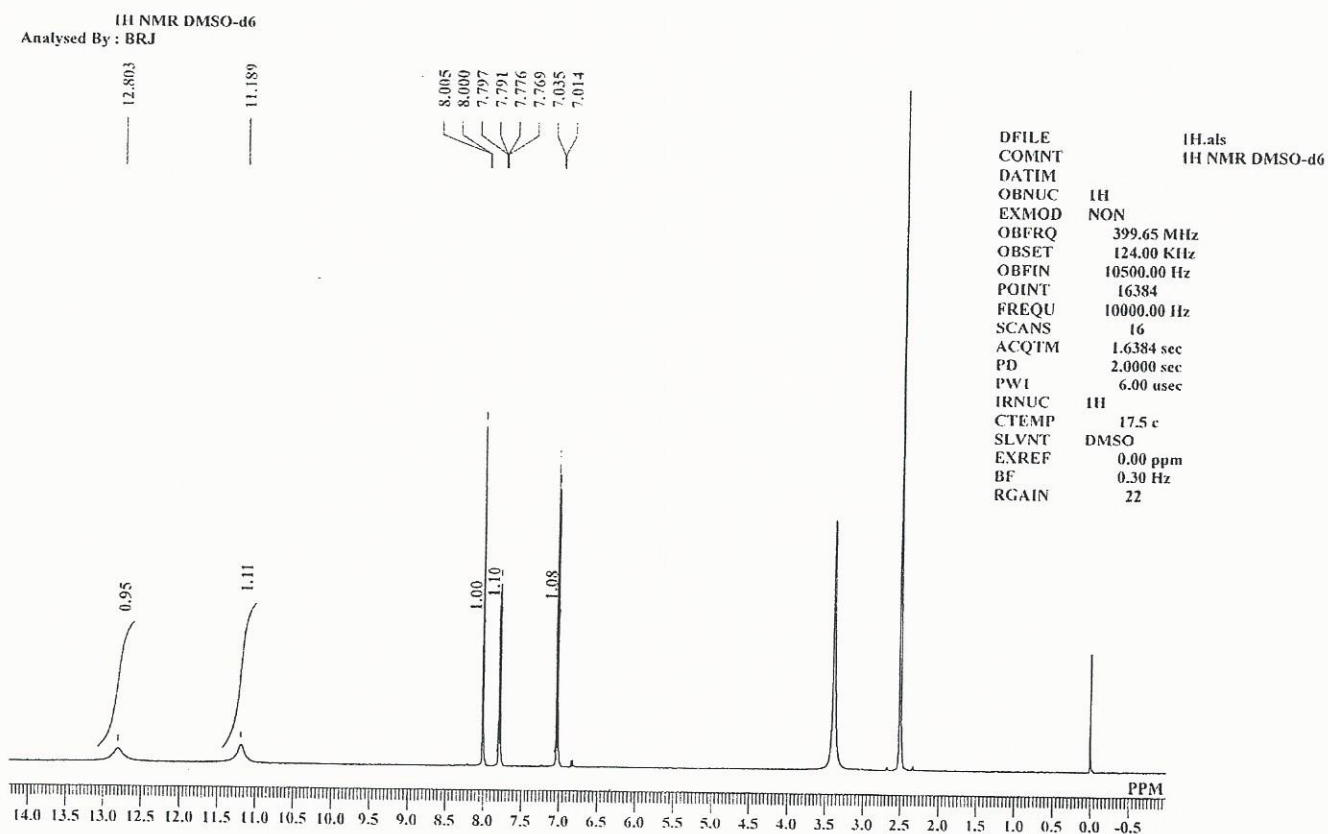
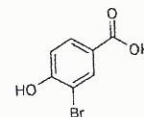
121 Stryker Lane, Bldg. 30, Suite 1 • Hillsborough, NJ 08844 • U.S.A.

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

website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Catalog No.: 19-155
Product Name: 3-Bromo-4-hydroxybenzoic acid
Lot No.: 0810060





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

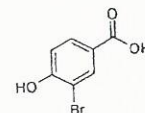
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

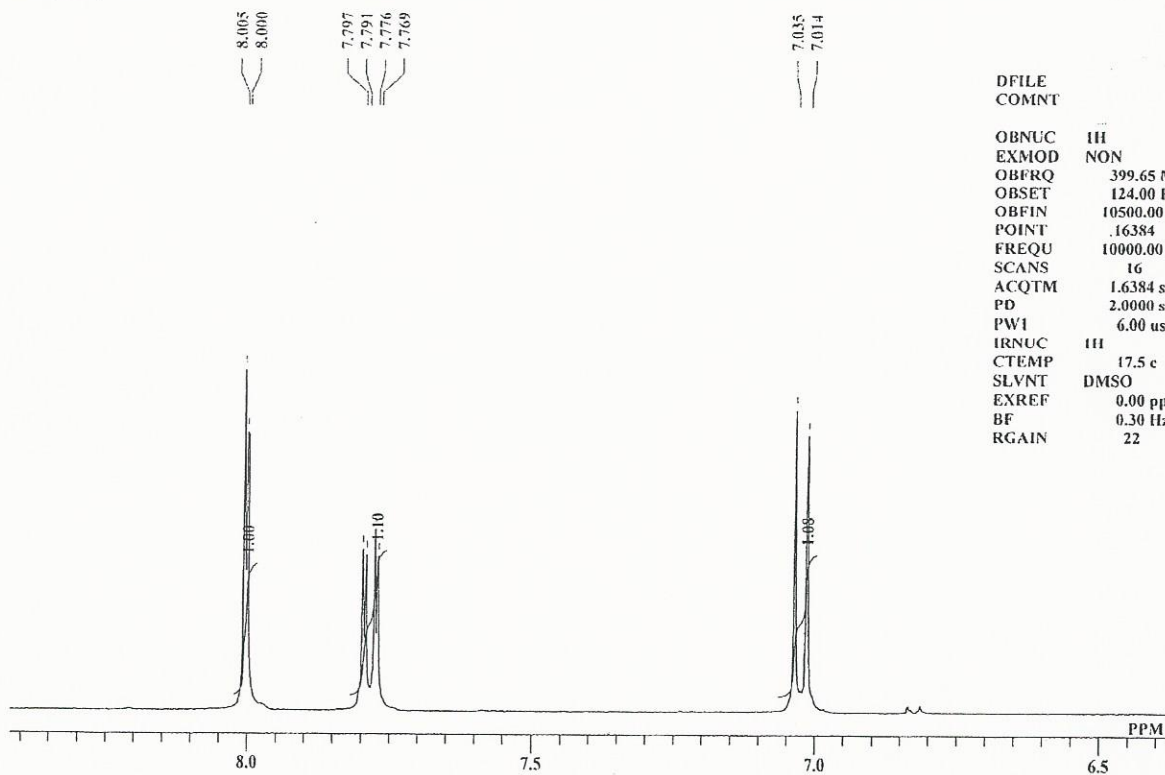
Catalog No.: 19-155

Product Name: 3-Bromo-4-hydroxybenzoic acid

Lot No.: 0810060



¹H NMR DMSO-d₆
Analysed By: BRJ



DFILE
COMNT

1H.als
1H NMR DMSO-d₆

OBNUC 1H
EXMOD NON
OBFRQ 399.65 MHz
OBSET 124.00 KHz
OBFIN 10500.00 Hz
POINT 1.6384
FREQU 10000.00 Hz
SCANS 16
ACQTM 1.6384 sec
PD 2.0000 sec
PW1 6.00 usec
IRNUC 1H
CTEMP 17.5 c
SLVNT DMSO
EXREF 0.00 ppm
BF 0.30 Hz
RGAIN 22