



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

Cas Number: [14348-41-5]

Lot Number: 0912093

Chemical Formula: C₇H₅BrO₃

Molecular Weight: 217.02

Melting Point: 162-163°C

Appearance: White powder

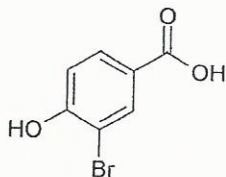
Solubility: Soluble in DMSO

TLC: Chloroform:Methanol (8:2)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.75%





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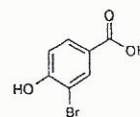
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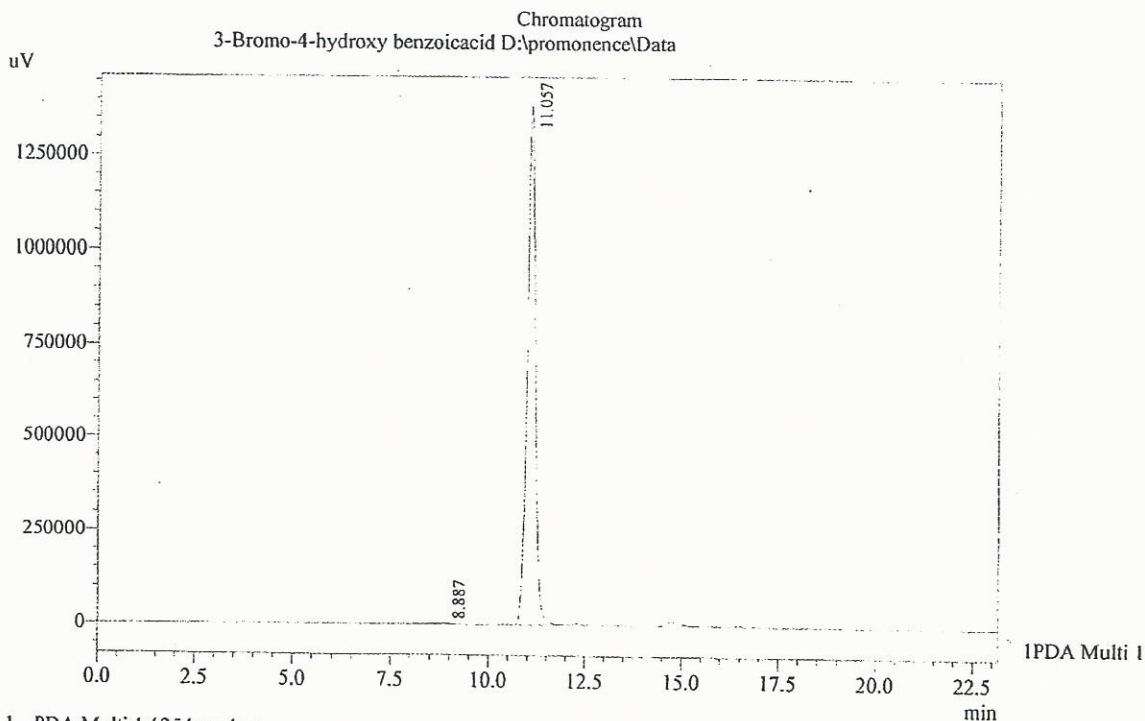
HPLC ANALYSIS

Acquired by : Admin
 Sample Name : 3-Bromo-4-hydroxy benzoic acid
 Sample ID : Lot no:0912093
 Injection Volume : 20 uL
 Data Filename : 170815L.lcd
 Method Filename : Linear Gradient.M.lcm

Catalog No.: 19-155
 Product Name: 3-Bromo-4-hydroxybenzoic acid
 Lot No.: 0912093



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



1 PDA Multi 1 / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.887	8.887	49650	0.25	0.80
2	3-Br-4-OH Benzoic acid	11.057	20069087	99.75	1.00
Total			20118737	100.00	



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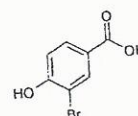
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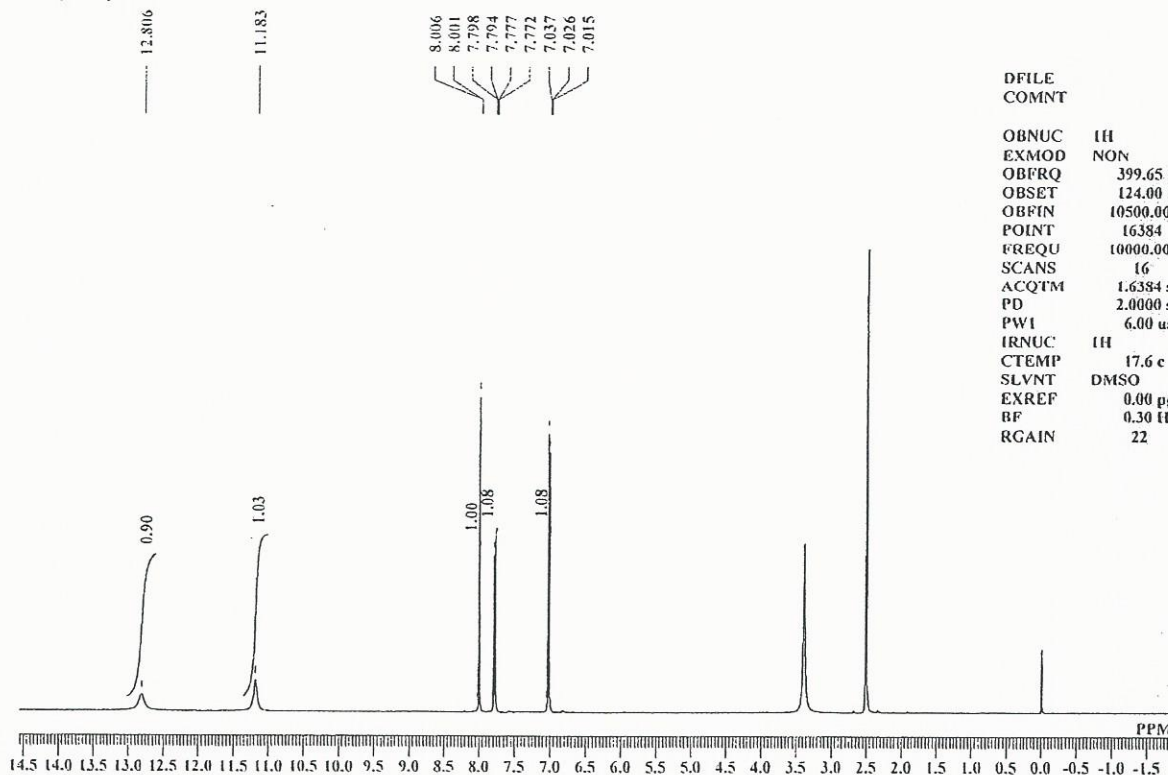
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Product Name: 3-Bromo-4-hydroxybenzoic acid

Lot No.: 0912093



1H NMR DMSO-d6
Analysed By : SPM



DFILE		1H.nls
COMNT		1H NMR DMSO-d6
OBNUC	1H	
EXMOD	NON	
OBFRQ	399.65 MHz	
OBSET	124.00 KHz	
OBFIN	10500.00 Hz	
POINT	16384	
FREQU	10000.00 Hz	
SCANS	16	
ACQTM	1.6384 sec	
PD	2.0000 sec	
PW1	6.00 usec	
IRNUC	1H	
CTEMP	17.6 c	
SLVNT	DMSO	
EXREF	0.00 ppm	
BF	0.30 Hz	
RGAIN	22	



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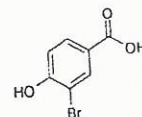
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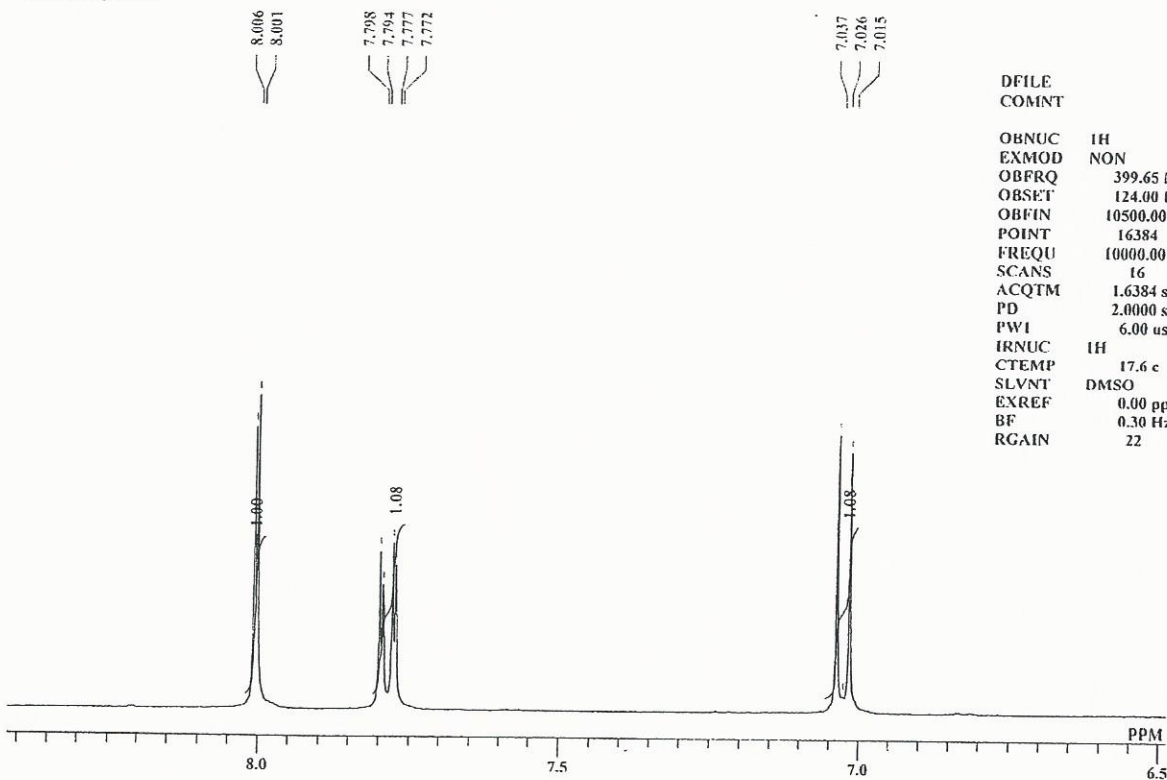
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Product Name: 3-Bromo-4-hydroxybenzoic acid
Lot No.: 0912093



¹H NMR DMSO-d₆
Analysed By: SPM



DFILE	IH.als
COMNT	IH NMR DMSO-d6
OBNUC	IH
EXMOD	NON
OBFRQ	399.65 MHz
OBSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	16384
FREQU	10000.00 Hz
SCANS	16
ACQTM	1.6384 sec
PD	2.0000 sec
PW1	6.00 usec
IRNUC	IH
CTEMP	17.6 c
SLVNT	DMSO
EXREF	0.00 ppm
BF	0.30 Hz
RGAIN	22