



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

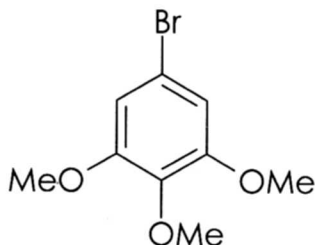
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

CERTIFICATE OF ANALYSIS

Catalog No.: 19-578

<u>Product Name:</u>	5-BROMO-1,2,3-TRIMETHOXYBENZENE
<u>CAS No.:</u>	[2675-79-8]
<u>Lot No.:</u>	1104130
<u>Molecular Formula:</u>	C ₉ H ₁₁ BrO ₃
<u>Molecular Weight:</u>	247.0
<u>Melting Point:</u>	78–80°C
<u>Appearance:</u>	Off white shining crystalline powder
<u>TLC:</u>	Hexane : Ethyl acetate (8:2)
<u>Solubility:</u>	Soluble in chloroform
<u>Moisture content:</u>	0.4%
<u>Purity (HPLC):</u>	99.50%
<u>Purity (GC):</u>	99.65%





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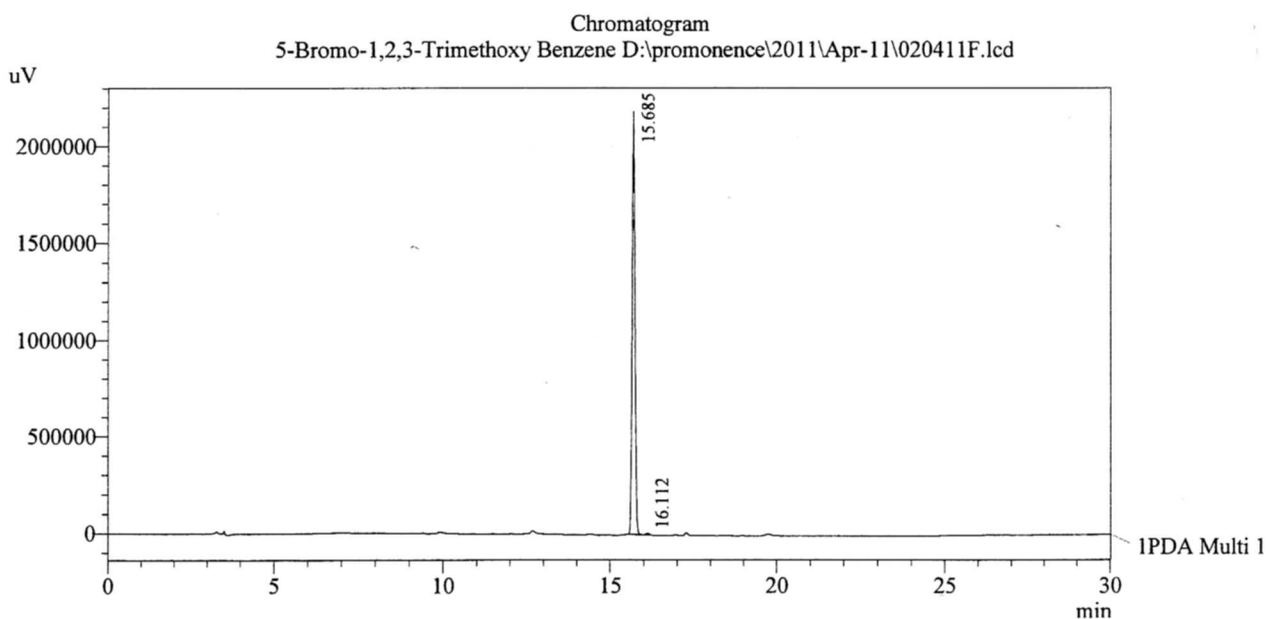
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Date Acquired : 4/2/2011 11:30:45 PM
Acquired by : Madhuri
Sample Name : 5-Bromo-1,2,3-Trimethoxy Benzene
Sample ID : 11.0Kg
Injection Volume : 20 uL
Data Filename : 020411F.lcd
Method Filename : Linear Gradient.M.lcm

Cat. No.: 19-578
Product name: 5-Bromo-1,2,3-trimethoxybenzene
Lot No.: 1104130

Description:
Column : Phenomenex C-18, 250X4.6mm 5.0µm
Flow : 1.000ML/min.
Mobile Phase : A(0.05% TFA in Water) B(ACN)
0.01 90 10
12.0 10 90
20.0 10 90
25.0 90 10



PeakTable
PDA Ch1 230nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	15.685	12805361	2185613	99.495
2	16.112	65052	9724	0.505
Total		12870413	2195337	100.000



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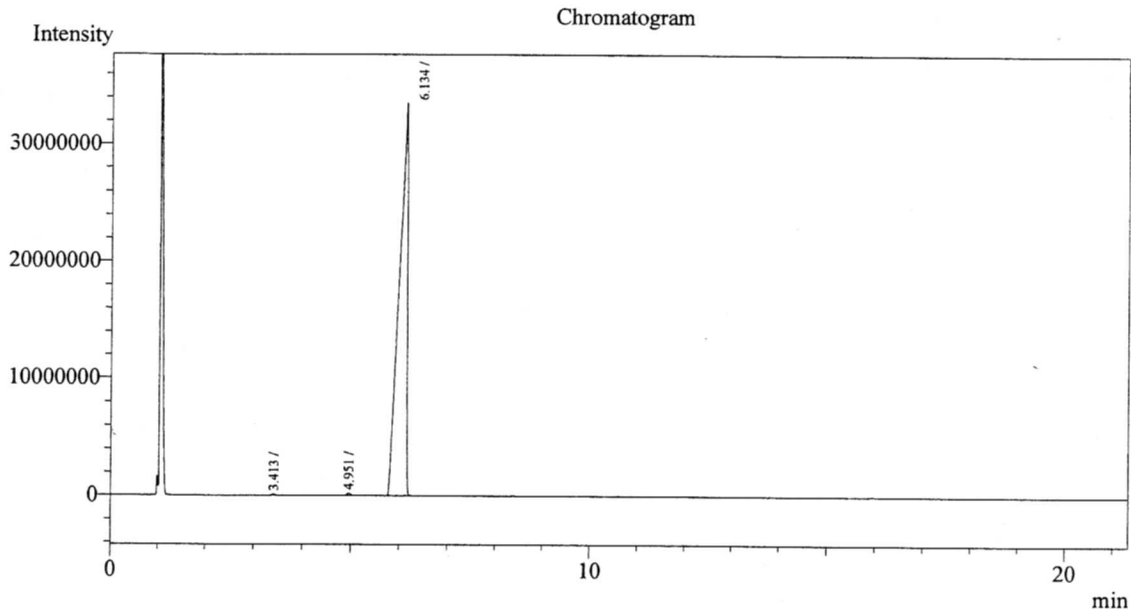
e-mail: chemical@indofinechemical.com

GC ANALYSIS

Analysis Date & Time : 4/21/2011 11:22:53 AM
User Name : Madhuri
Sample Name : 5-Bromo-1,2,3 -Tri methoxy Benzene
Sample ID : 11.0 Kg
Method Name : D:\Methods\BRC Method.gcm
Data File Name : D:\GC Data\2011\Apr-11\210411D.gcd

Cat. No.: 19-578
Product name: 5-Bromo-1,2,3-trimethoxybenzene
Lot No.: 1104130

Description
Column : ZB-5
Column Temp : 150-10-280(10 C)
Inj Temp : 250 C
Det temp : 300 C



Peak Table - Channel 1

Peak#	Ret. Time	Area	Height	Area%
1	3.413	409727	107738	0.1074
2	4.951	906075	196588	0.2375
3	6.134	380205630	33507509	99.6551
Total		381521432	33811835	100.0000



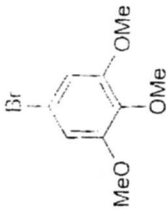
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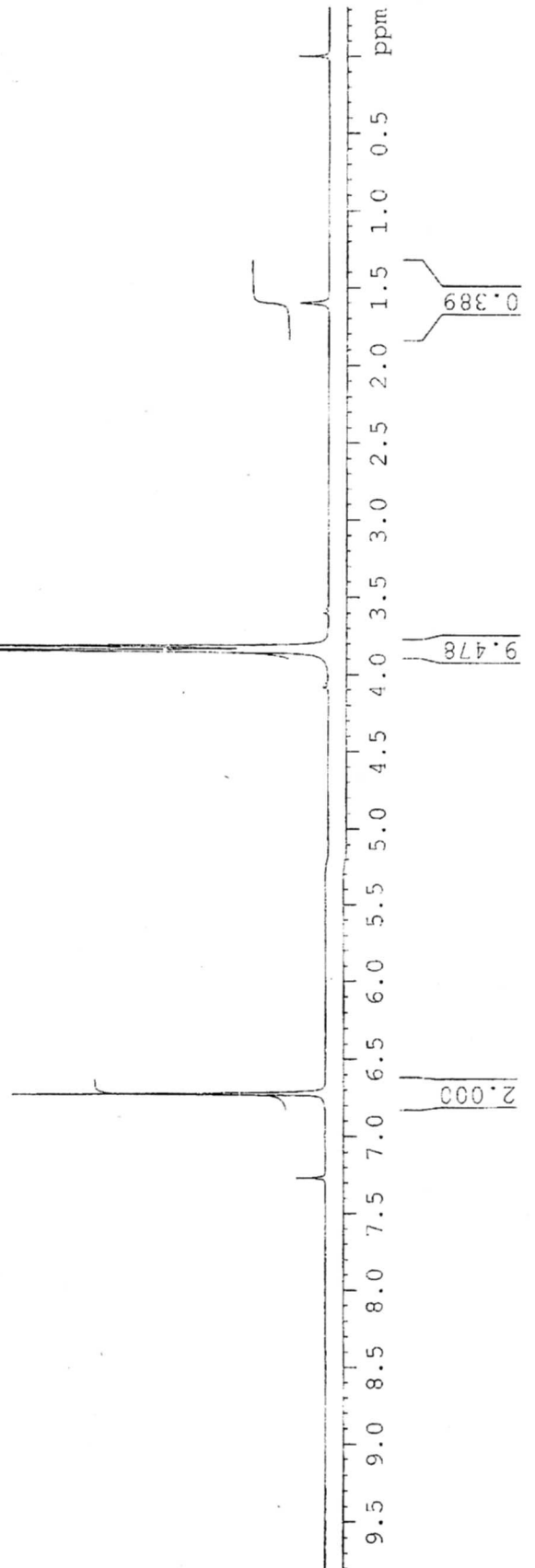
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5-Bromo-1,2,3-Trimethoxy Benzene

Cat. No.: 19-578
Product name: 5-Bromo-1,2,3-trimethoxybenzene
Lot No.: 1104130

R. NO. 21093
TRI METHOXY
1H IN CDCL3
AVANCE-300





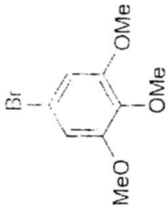
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5-Bromo-1,2,3-Trimethoxy Benzene

Cat. No.: 19-578
Product name: 5-Bromo-1,2,3-trimethoxybenzene
Lot No.: 1104130

Sample Information

Sample Name : Br-Tri-Ome-11Kg
Sample ID : *****
Data File : Br-Tri-Ome-11Kg-01.lcd
Method File : Test1(APCI).lcm
Acquired by : YRB
Date Acquired : 4/21/2011 4:09:08 PM

MS Spectrum Graph

Probe : APCI
Polarity:Pos

