



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: 22-417

Product Name: **2,4-DIBROMO-5-METHOXYBENZALDEHYDE**

Lot Number: 1709867

CAS Number: [99615-74-4]

Chemical Formula: C₈H₆Br₂O₂

Molecular Weight: 293.94

Melting Point: 102-105°C

Appearance: Pale brown powder

Moisture(KF): 0.34%

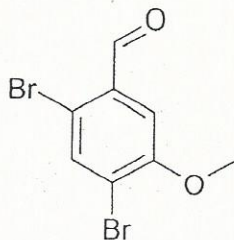
Solubility: Soluble in chloroform

TLC: Hexane : Ethyl acetate (8:2)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(HPLC): 99.21%





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

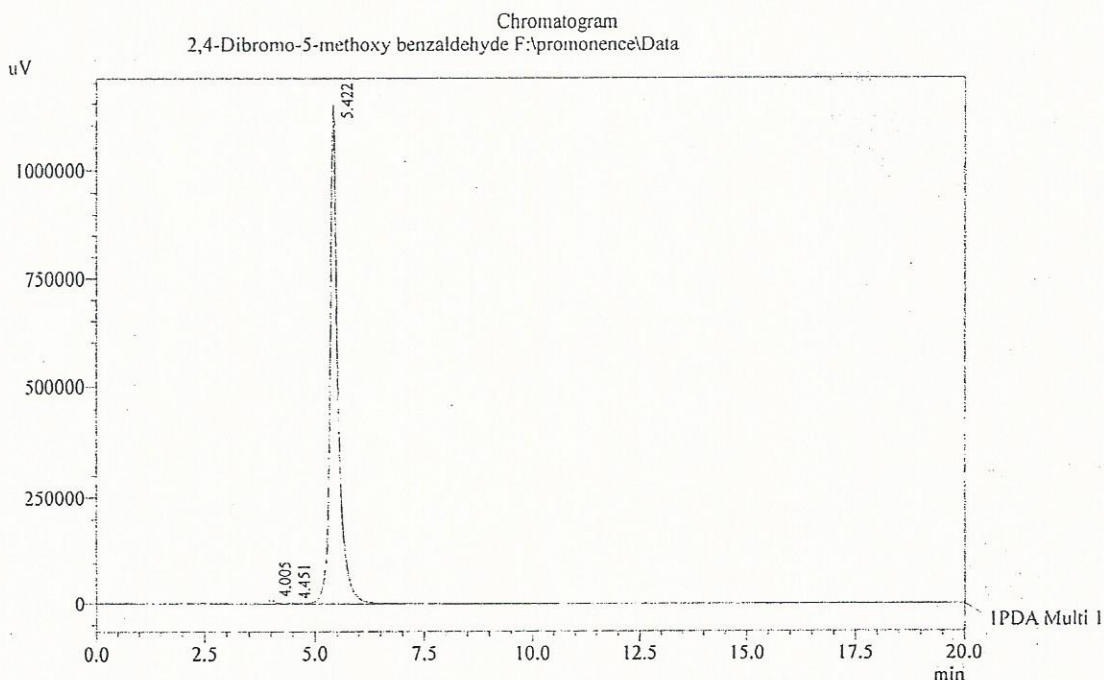
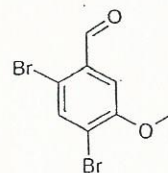
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Admin
Sample Name : 2,4-Dibromo-5-methoxy benzaldehyde
Sample ID : 1.0 kg LOT
Injection Volume : 20 uL
Data Filename : 080917D.lcd
Method Filename : Linear Isocratic.M.lcm
Report Filename : Default.lcr

Catalog No.: 22-417
Product Name: 2,4-Dibromo-5-methoxybenzaldehyde
Lot No.: 1709867



1 PDA Multi 1 / 254nm 4nm

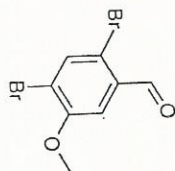
PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Height	Area %	Relative Retention Time
1	RT:4.005	4.005	9969	0.61	0.74
2	RT:4.451	4.451	3651	0.19	0.82
3	RT:5.422	5.422	1147503	99.21	1.00
Total			1161123	100.00	



INDOFINE Chemical Company, Inc.
 121 STRYKER LANE
 BLDG. 30, SUITE 1
 HILLSBOROUGH, NJ 08844



Catalog No.: 22-417
 Product Name: 2,4-Dibromo-5-methoxybenzaldehyde
 Lot No.: 1709867

2,4-DB-5-OME-BZ_proton-2-2.jdf
 045713-17

10.262
 7.857
 7.411
 3.949

```

----- PROCESSING PARAMETERS -----
sexp( 0.31Hz, 0.0[s] )
trapzoid( 0[%], 0[%], 80[%], 100[%] )
zerofill( 4 )
frc( 1, TRUE, TRUE )
machinephase
ppm
reference( -0.01432[ppm], 0[ppm] )
auto_reference( 5[%], TRUE )
Derived from: 2,4-DB-5-OME-BZ_proton-2-1.jdf
  
```

```

Filename      = 2,4-DB-5-OME-BZ_proton-2-2
Instrument     = NMR-500MHz (JEOL)
Instrument Id  = NMR-02
Author        = rraju1338
Reviewed by   = Ramesh
Solvent       = CHLOROFORM-D
Spectrometer  = JNM-ECZ500R/SI
Experiment    = proton.jxp
  
```

```

Acquisition Parameter
X_Domain      = 1K
X_Offset      = 7.0[ppm]
X_Sweep       = 11.28158845[kHz]
Scans         = 16
Relaxation_Delay = 2[s]
  
```

