

 **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](http://www.indofinechemical.com)

e-mail: [chemical@indofinechemical.com](mailto:chemical@indofinechemical.com)

**CERTIFICATE OF ANALYSIS**

Catalog Number: 06-1379

Product Name: **trans-1,4-DIBROMO-2-BUTENE**

CAS Number: [821-06-7]

Lot Number: 1508663

Chemical Formula: C<sub>4</sub>H<sub>6</sub>Br<sub>2</sub>

Molecular Weight: 213.90

Melting Point: 50-51°C

Appearance: Tan crystalline powder

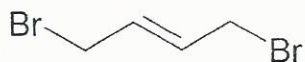
Solubility: Soluble in chloroform

TLC: n-Hexane (100%)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(GC): 98.37%





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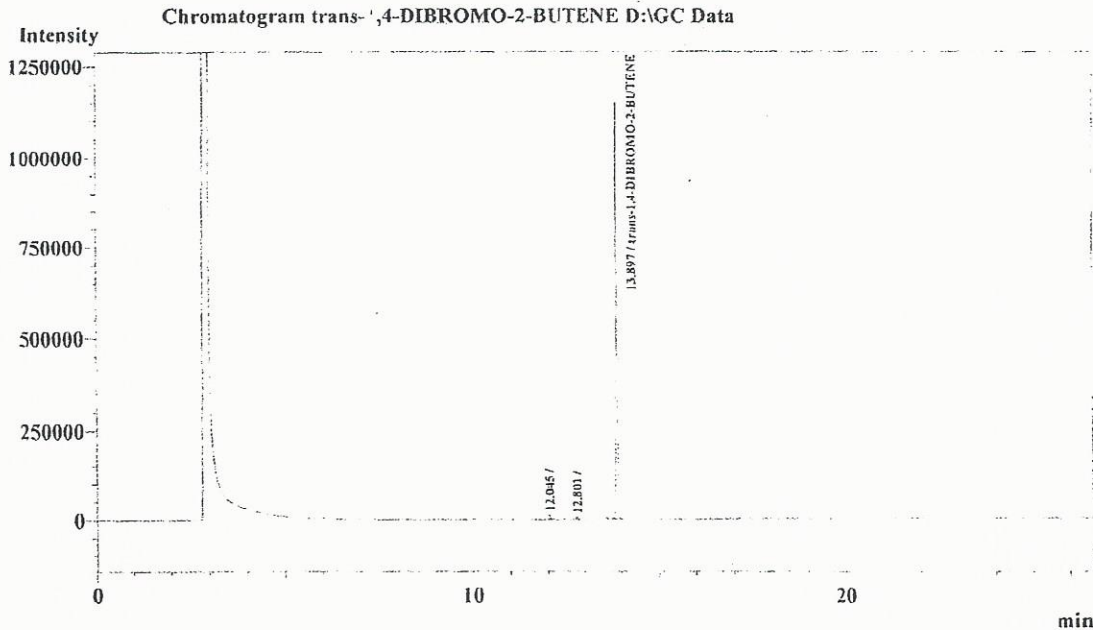
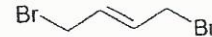
## GC ANALYSIS

User Name : Satyanarayana  
Sample Name : trans-1,4-DIBROMO-2-BUTENE  
Sample ID : Lot No:1508663  
Method Name : D:\Methods\General method.gcm

Catalog No.: 06-1379  
Product Name: trans-1,4-Dibromo-2-butene  
Lot No.: 1508663

### Description

Column : EB-5 - (30M x 0.32mm x 1.0 um)  
Injector - 250°C  
Detector - 300°C  
Column temp - 50(5)-20-280(10)



Peak Table - Channel 1

Peak#	Ret. Time	Area	Height	Area%	Name
1	12.045	30147	12760	1.02	
2	12.801	17757	7385	0.60	
3	13.897	2896973	1144385	98.37	trans-1,4-DIBROMO-2-BUTENE
Total		2944877	1164530	100.00	

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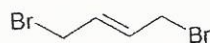
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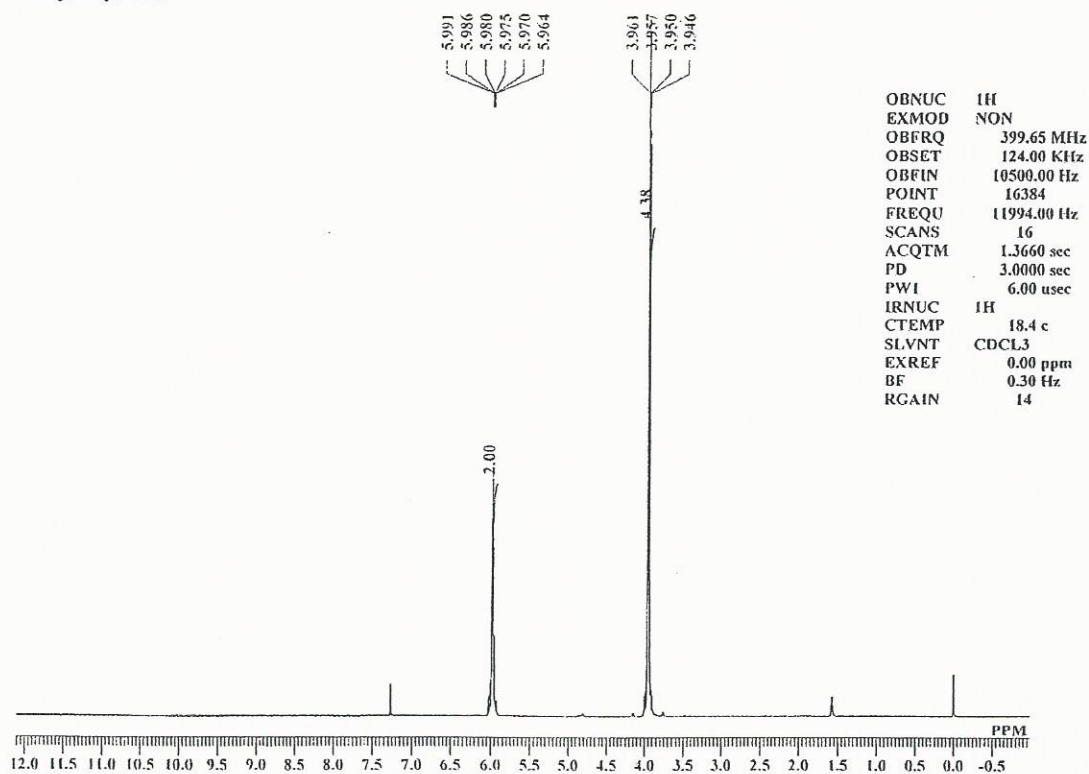
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ICC-Sept-05 1H NMR CDCl3

Analysed By: CHR



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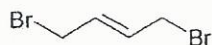
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