

**ICC** **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)

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**CERTIFICATE OF ANALYSIS**

Catalog Number: 06-1376

Product: **trans-1,4-CYCLOHEXANEDIAMINE**  
(trans-1,4-Diaminocyclohexane)

CAS Number: [2615-25-0]

Lot Number: 1508651

Chemical Formula: C<sub>6</sub>H<sub>14</sub>N<sub>2</sub>

Molecular Weight: 114.19

Appearance: Light brown solid

Melting Point: 67-68°C

Solubility: Soluble in chloroform

TLC: Chloroform:Methanol (1:1)

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store in a cool, dry place

Purity(GC): 97.12%



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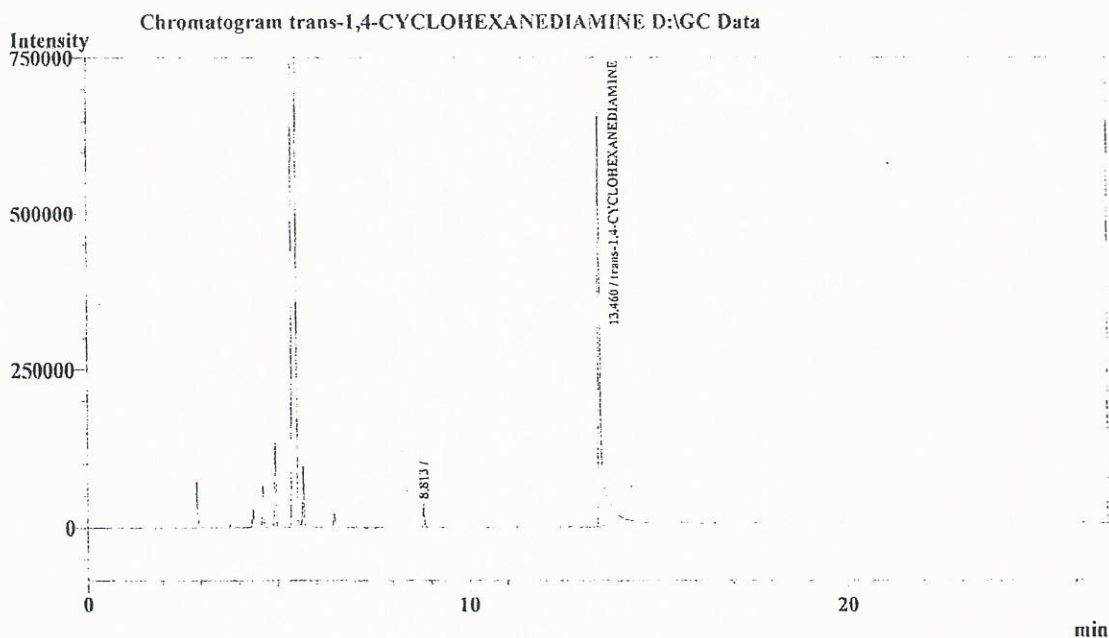
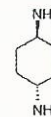
## HPLC ANALYSIS

User Name : Satyanarayana  
Sample Name : trans-1,4-CYCLOHEXANEDIAMINE  
Sample ID : Lot No:1508651  
Method Name : D:\Methods\General method.gcm

Catalog No.: 06-1376  
Product Name: trans-1,4-Cyclohexanediamine  
Lot No.: 1508651

### 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	8.813	90802	38521	2.88	
2	13.460	3057050	665274	97.12	trans-1,4-CYCLOHEXANEDIAMIN
Total		3147852	703795	100.00	



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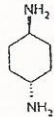
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<sup>1</sup>H NMR CDCl<sub>3</sub>  
Analysed By : GRM

