



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: 06-1368

Product Name: **L-SELENOMETHIONINE**

CAS Number: [3211-76-5]

Lot Number: 1507635

Chemical Formula: C₅H₁₁NO₂Se

Molecular Weight: 196.11

Appearance: White powder

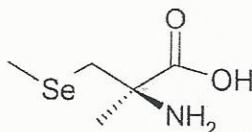
Melting Point: 255-256°C

Solubility: Soluble in NaOH

NMR Spectrum: Enclosed (conforms to the structure)

Storage: Store at 2-8°C

Purity(HPLC): 98.63%





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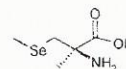
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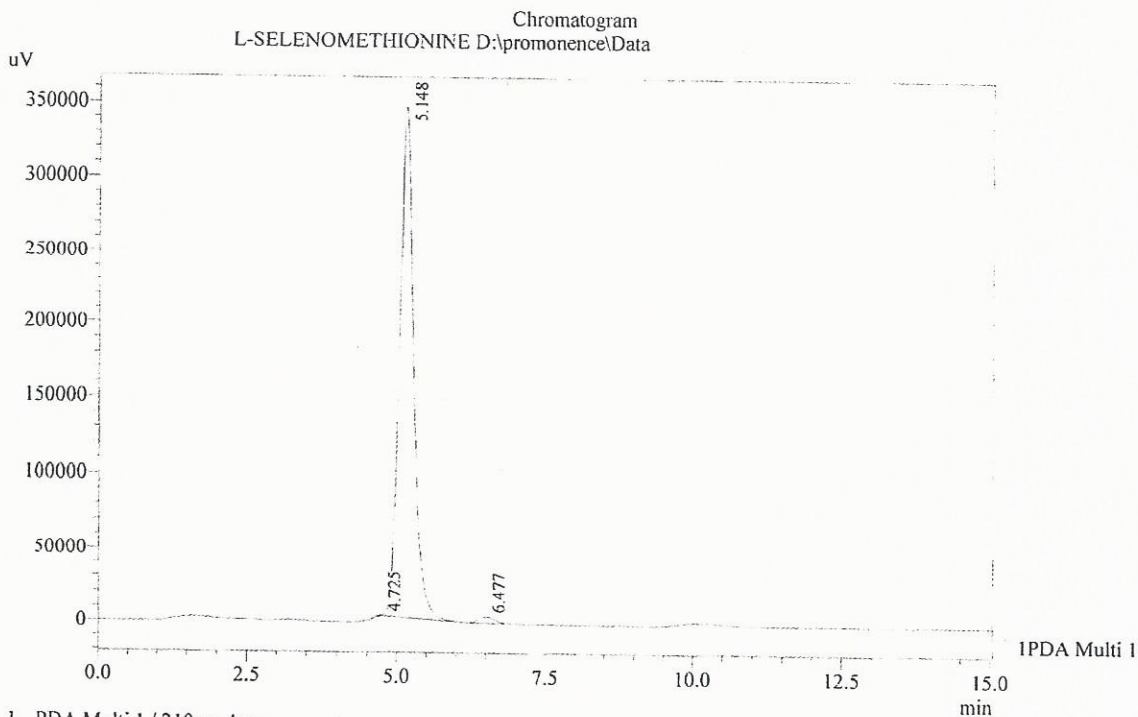
HPLC ANALYSIS

Acquired by : Admin
Sample Name : L-SELENOMETHIONINE
Sample ID : Lot no:1507635
Injection Volume : 20 uL
Data Filename : 210815E.lcd
Method Filename : Linear Isocratic.M.lcm

Catalog No.: 06-1368
Product Name: L-Selenomethionine
Lot No.: 1507635



Column : Gemini C-18(2), (250mm x4.6mm 5.0μ)
Flow : 0.600 mL/min.
Mobile Phase : A(50% water) B(50% of Methanol)



1 PDA Multi 1 / 210nm 4nm

PeakTable

PDA Ch1 210nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:4.725	4.725	4459	0.08	0.00
2	L-SELENOMETHIONINE	5.148	5624059	98.63	0.00
3	RT:6.477	6.477	73792	1.29	0.00
Total			5702309	100.00	



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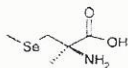
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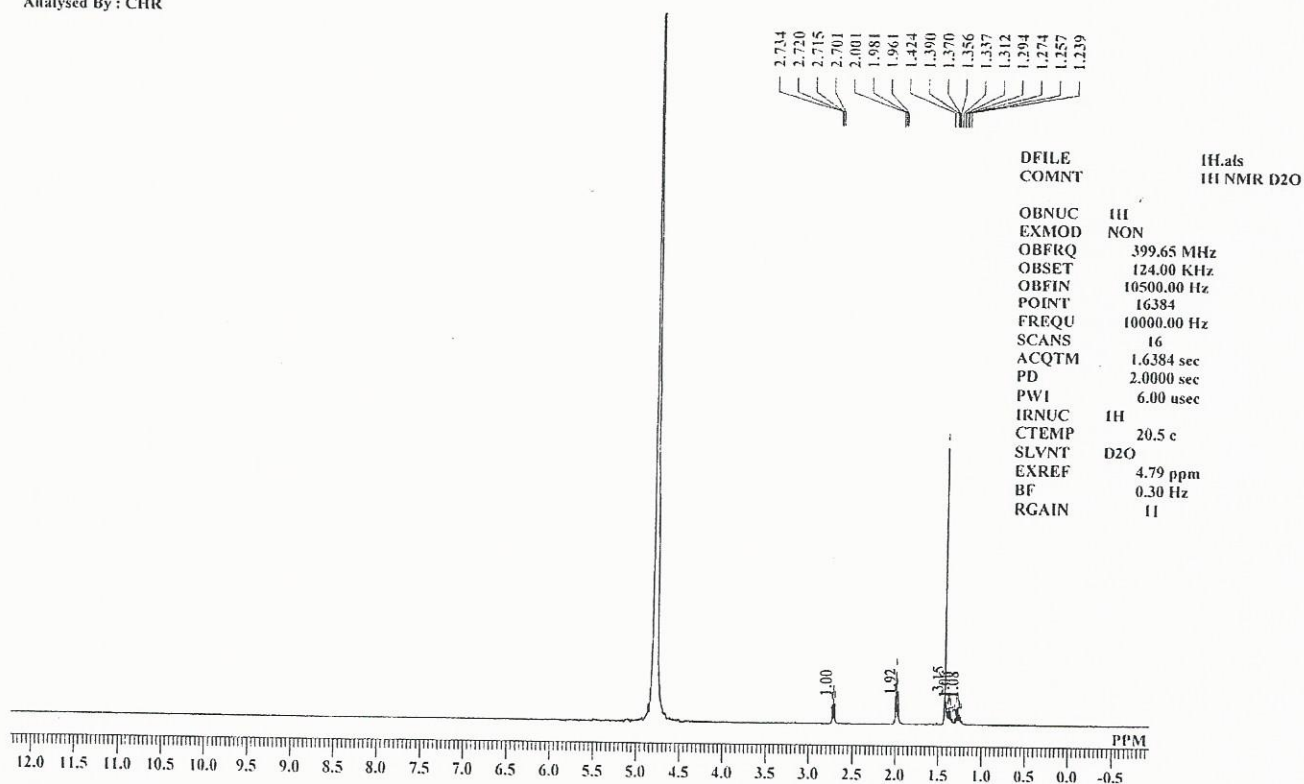
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Lot No.: 1507635



¹H NMR NaOD
Analysed By: CHR





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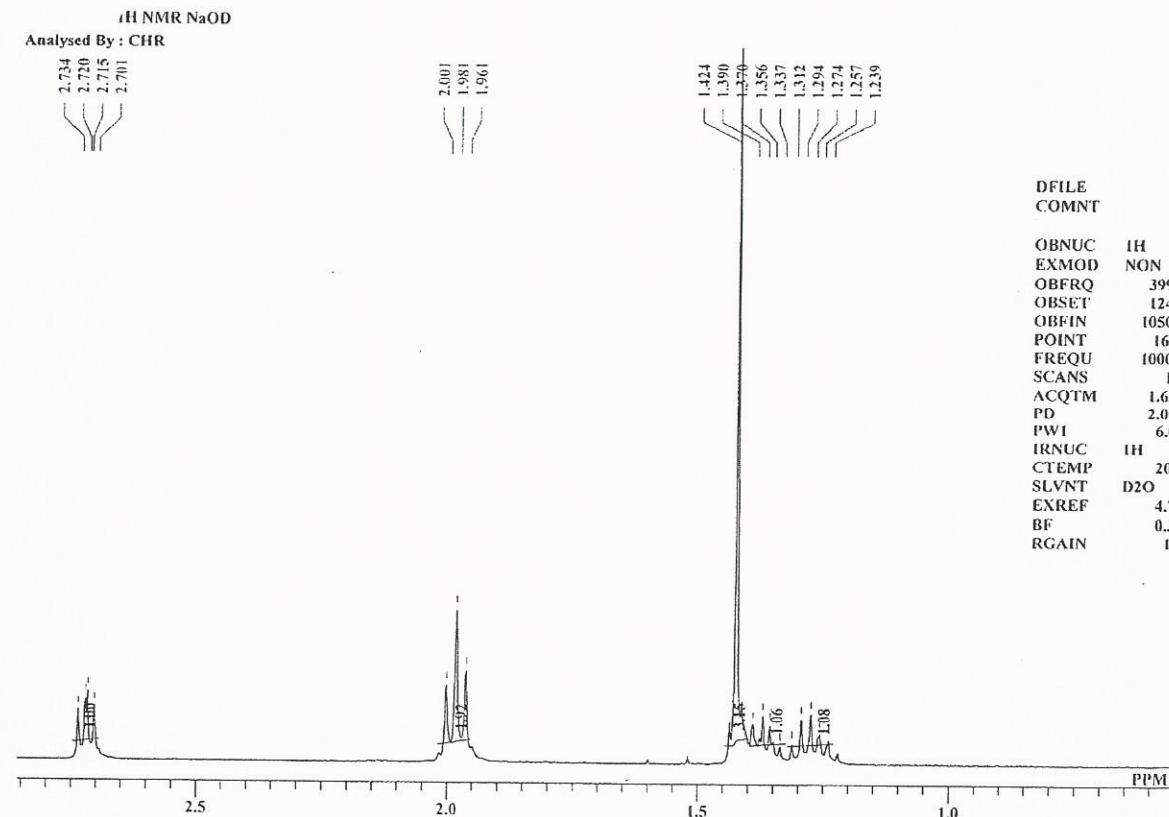
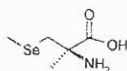
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DFILE	1H.nls
COMNT	1H NMR D2O
OBNUC	1H
EXMOD	NON
OBFRQ	399.65 MHz
OBSET	124.00 KHz
OBFIN	10500.00 Hz
POINT	16384
FREQU	10000.00 Hz
SCANS	16
ACQTM	1.6384 sec
PD	2.0000 sec
PWI	6.00 usec
IRNUC	1H
CTEMP	20.5 c
SUVNT	D2O
EXREF	4.79 ppm
BF	0.30 Hz
RGAIN	11