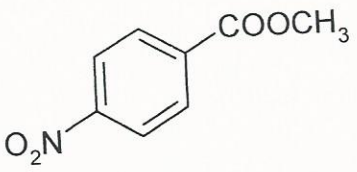
INDOFINE Chemical Company, Inc.

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:	01-1169
Product Name:	**METHYL-4-NITROBENZOATE**
CAS Number:	[619-50-1]
Lot Number:	0606061
Chemical Formula:	$C_8H_7NO_4$
Molecular Weight:	181.15
Melting Point:	96.5-98.5°C
Appearance:	Cream powder
Solubility:	Soluble in chloroform
TLC:	Hexane:Ethyl acetate (9:1)
Storage:	Store in a cool, dry place
Purity(HPLC):	99.16%



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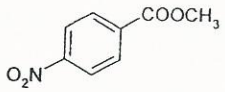
HPLC ANALYSIS

Acquired by : Ramana
Sample Name : Methyl-4-nitrobenzoate
Sample ID : Indofine (Lot No.0606061)
Injection Volume : 20 uL
Data Filename : 240809G.lcd
Method Filename : Linear Gradient.M.lcm

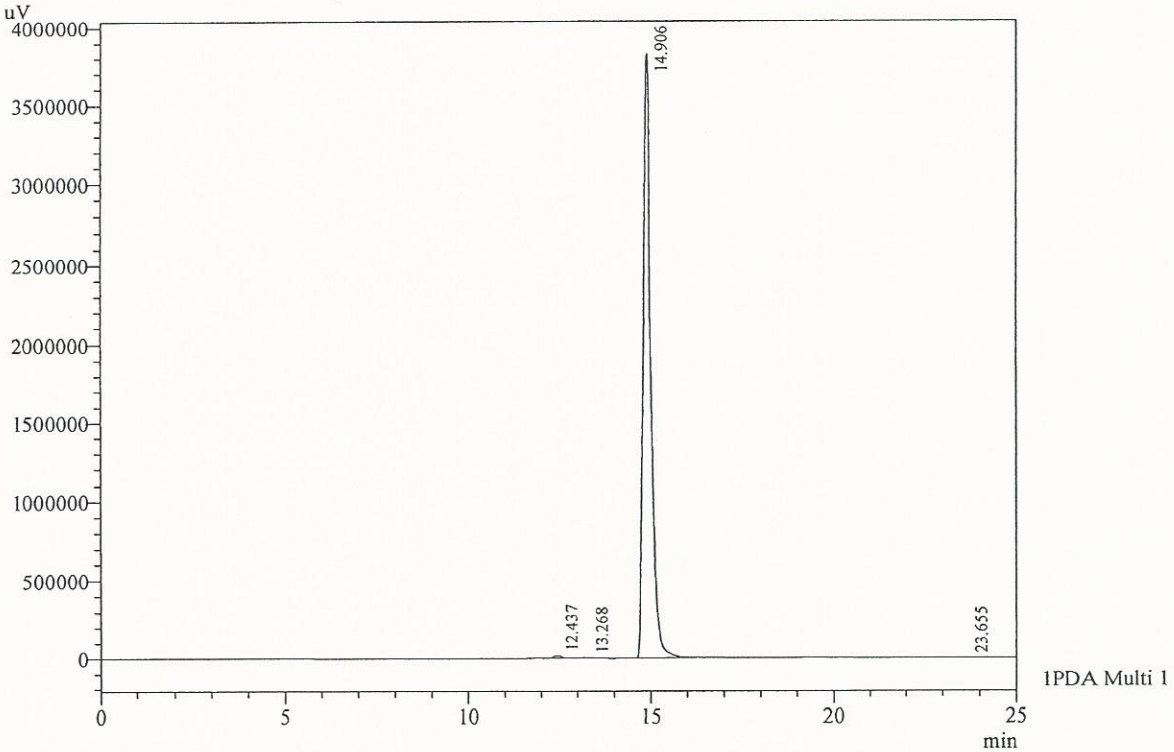
Catalog No.: 01-1169
Product Name: Methyl-4-nitrobenzoate
Lot No.: 0606061



Description:
Column : Inertsil C-18, 250X4.6mm 5.0µm
Flow : 1.000mL/min.
Mobile Phase : A(Water 0.05% TFA) : B(ACN)

00.01	90	10
12.00	10	90
20.00	10	90
23.00	90	10

Chromatogram
Methyl-4-nitrobenzoate D:\promonence



1 PDA Multi 1 / 254nm 4nm

PeakTable
Ch1 254nm 4nm

Peak#	Ret. Time	Area	Height	Area %
1	12.437	281183	18319	0.507
2	13.268	107727	4334	0.194
3	14.906	55006714	3826782	99.161
4	23.655	76698	1828	0.138
Total		55472322	3851263	100.000