



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

Cat. No.: E-001

Product:

ELLAGIC ACID

(4,4',5,5',6,6'-Hexahydroxydiphenicacid dialactone;
Benzoaric acid)

CAS Number:

[476-66-4]

Lot No.:

0611101

Molecular Formula:

C₁₄H₆O₈

Molecular Weight:

302.20

Appearance:

Cream colored powder

Melting Point:

> 280°C

TLC:

Acetic acid:chloroform(9.5:0.5)

Solubility:

Soluble in DMSO

NMR Spectrum:

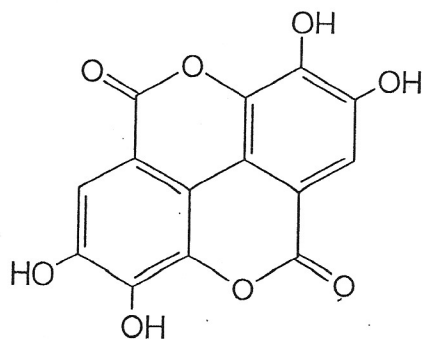
Enclosed

Storage:

Cool, dry place

Purity(HPLC):

99.79%





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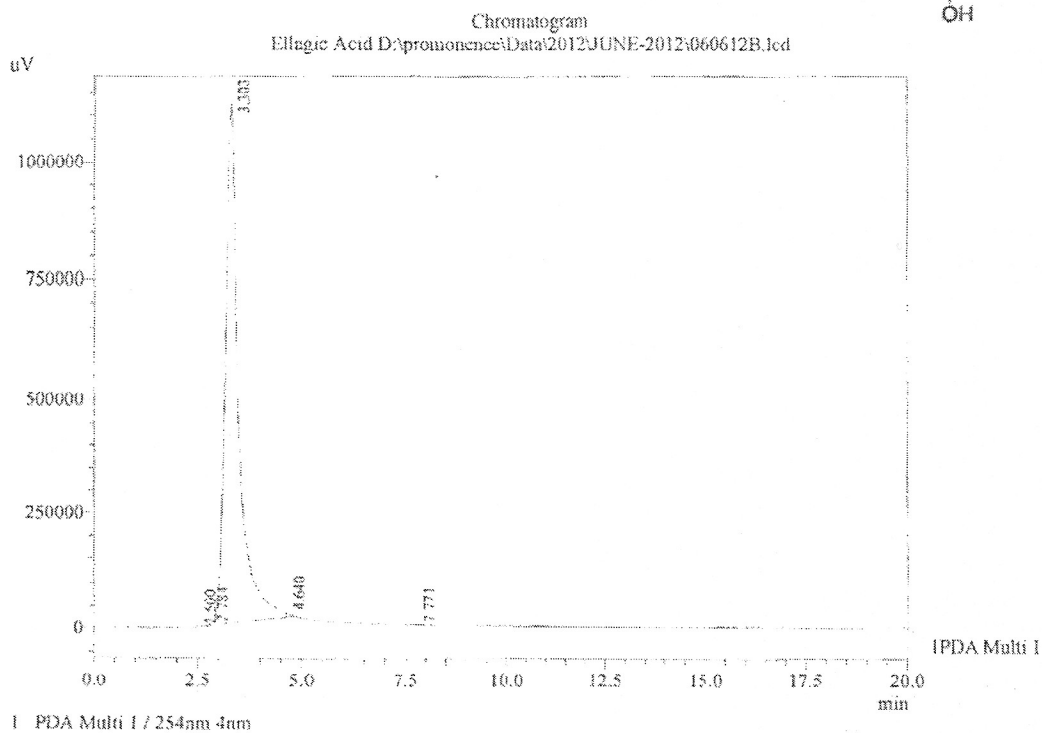
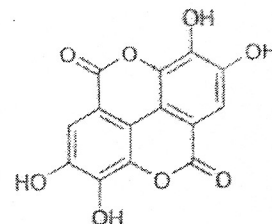
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : Ellagic Acid
Sample ID : Lot No:-0611101
Injection Volume : 20 uL
Data Filename : 060612B.lcd
Method Filename : Linear Isoocratic.M.lcm

Catalog no.: E-001
Product name: Ellagic acid
Lot No.: 0611101

Column : Inertsil ODS-3V, (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(20% 0.01M KH₂PO₄ Buffer-Adjust pH 3.5 with OPA) B(80% of Methanol)



I PDA Multi I / 254nm 4nm

PeakTable

PDA Ch1 254nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:2.500	2.500	2160	0.01	0.76
2	RT:2.784	2.784	12435	0.05	0.84
3	Ellagic Acid	3.303	25089725	99.79	1.00
4	RT:4.640	4.640	30409	0.12	1.40
5	RT:7.771	7.771	7458	0.03	2.35
Total			25142127	100.00	



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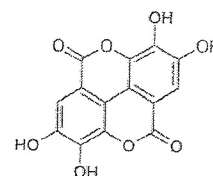
website: www.indofinechemical.com

e-mail: chemical@indofinechemical.com

Catalog no.: E-001

Product name: Ellagic acid

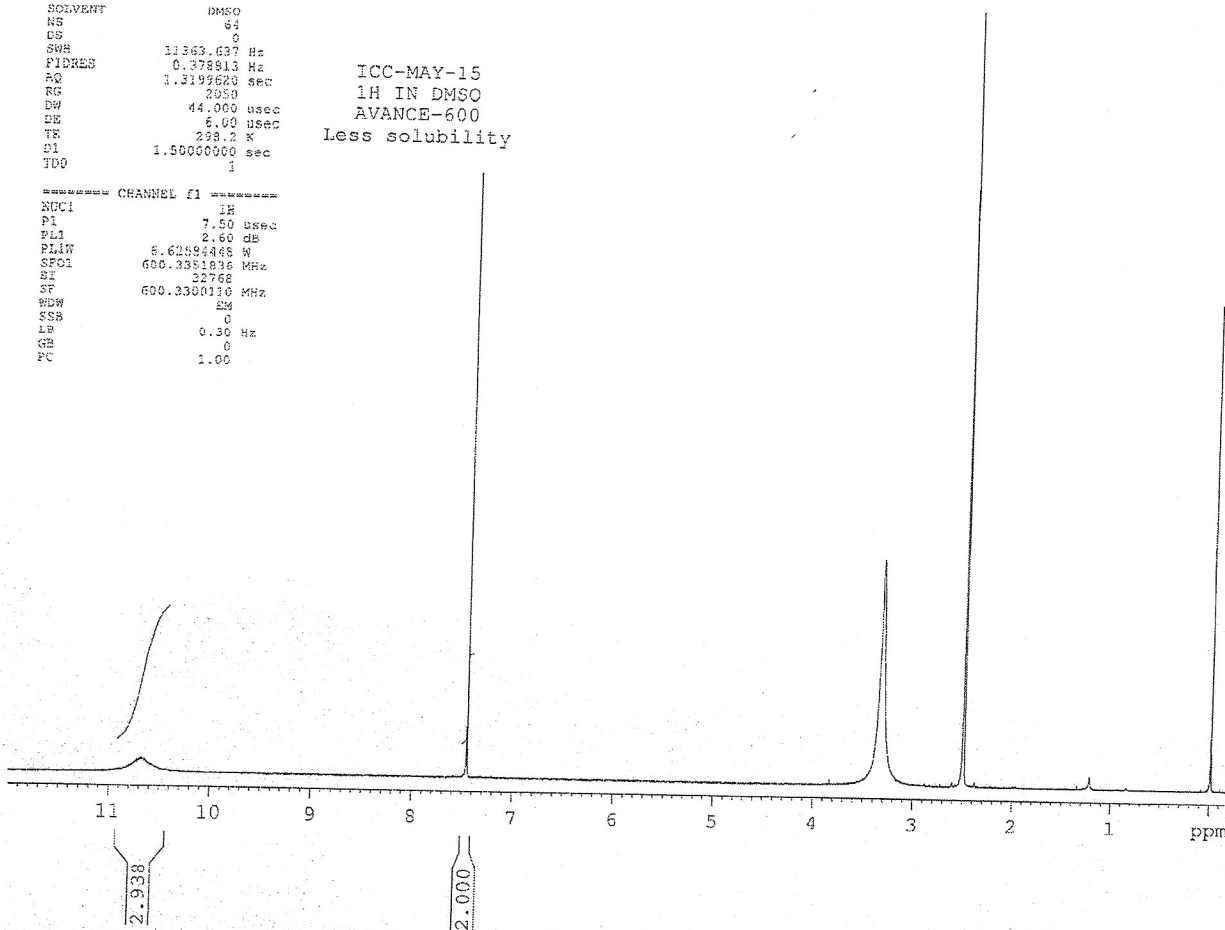
Lot No.: 0611101



SOLVENT DMSO
NS 64
CS 0
SWH 11363.637 Hz
FIDRES 0.378813 Hz
AQ 1.3199620 sec
RG 2050
BW 44.000 usec
DE 6.00 usec
TE 298.2 K
SI 1.50000000 sec
TD0 1

ICC-MAY-15
1H IN DMSO
AVANCE-600
Less solubility

CHANNEL f1
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 5.62584446 W
SFO1 600.3351836 MHz
SI 32768
SF 600.3300110 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





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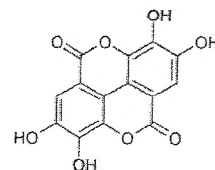
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Catalog no.: E-001
Product name: Ellagic acid
Lot No.: 0611101



SOLVENT DMSO
NS 64
DS 0
SWH 11363.627 Hz
FIDRES 0.378813 Hz
AQ 1.3195620 sec
RG 2050
DW 44.000 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

ICC-MAY-15
1H IN DMSO
AVANCE-600
Less solubility

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.50 dB
PLW 6.62584448 W
SF01 600.3351836 MHz
SI 32768
SF 600.3300110 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

