



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

Cat No.: 17-148

Product:

6-METHYLCHROMONE-2-CARBOXYLIC ACID

CAS Number:

[5006-44-0]

Lot Number:

99122

Chemical Formula:

$C_{11}H_8O_4$

Molecular Weight:

204.19

Melting Point:

265-266°C

Appearance:

White powder

Solubility:

Soluble in DMSO

TLC:

Chloroform : Methanol : AcOH (8.5:1.5:0.1)

NMR Spectrum:

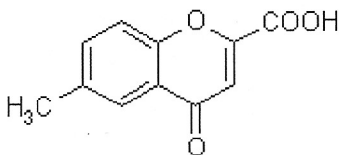
Enclosed

Storage:

Cool dry place

Purity (HPLC):

99.57%



17-148



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

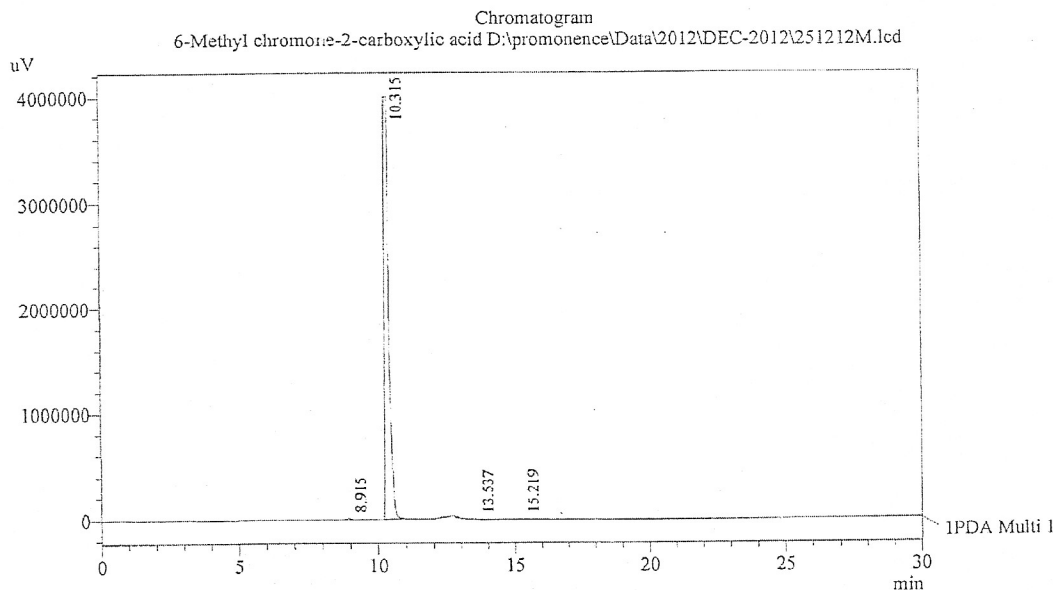
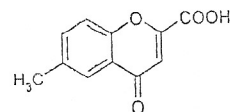
e-mail: chemical@indofinechemical.com

HPLC ANALYSIS

Acquired by : Sanjeev
Sample Name : 6-Methyl chromone-2-carboxylic acid
Sample ID : Lot No:-99122
Injection Volume : 20 uL
Data Filename : 251212M.lcd
Method Filename : Linear Gradient.M.lcm

Catalog No.: 17-148
Product name: 6-Methylchromone-2-carboxylic acid
Lot No.: 99122

Column : LUNA C-18(2), (250mm x4.6mm 5.0μ)
Flow : 1.000 mL/min.
Mobile Phase : A(0.05% TFA in water) B(Acetonitrile)
0.01 90 10
12.0 10 90
20.0 10 90
23.0 90 10
30.0 90 10



1 PDA Multi 1 / 240nm 4nm

PeakTable

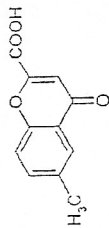
PDA Ch1 240nm 4nm

Peak#	Name	Ret. Time	Area	Area %	Relative Retention Time
1	RT:8.915	8.915	142073	0.29	0.86
2	6-Me chromone-2-carboxylic	10.315	48906649	99.57	1.00
3	RT:13.537	13.537	11774	0.02	1.31
4	RT:15.219	15.219	57040	0.12	1.48
Total			49117536	100.00	



INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

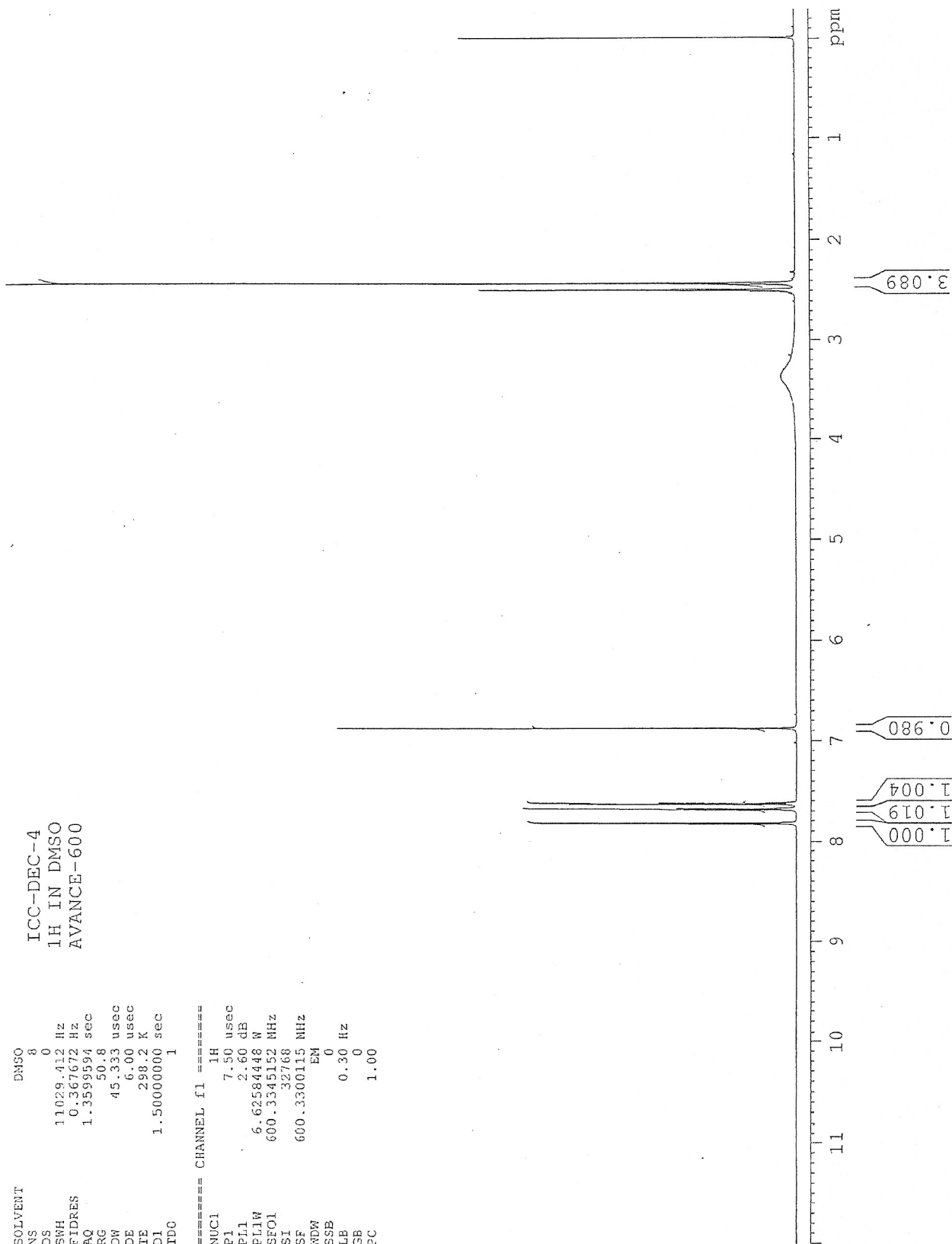
Catalog No.: 17-148
Product name: 6-Methylchromone-2-carboxylic acid
Lot No.: 99122



ICC-DEC-4
1H IN DMSO
AVANCE-600

SOLVENT DMSO
NS 8
DS 0
SWH 11029.412 Hz
FIDRES 0.367672 Hz
AQ 1.359594 sec
RG 50.8
DW 45.333 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TDQ 1

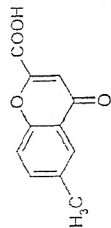
===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SF01 600.3345152 MHz
SI 32768
SF 600.3300115 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00





INDOFINE Chemical Company, Inc.
121 STRYKER LANE
BLDG. 30, SUITE 1
HILLSBOROUGH, NJ 08844

Catalog No.: 17-148
Product name: 6-Methylchromone-2-carboxylic acid
Lot No.: 99122



ICC-DEC-4
1H IN DMSO
AVANCE-600

SOLVENT DMSO
NS 8
DS 0
SRH 11029.412 Hz
FIDRES 0.367672 Hz
AQ 1.3595594 sec
RG 50.8
DW 45.333 usec
DE 6.00 usec
TE 298.2 K
D1 1.50000000 sec
TD0 1

===== CHANNEL f1 =====
NUC1 1H
P1 7.50 usec
PL1 2.60 dB
PL1W 6.62584448 W
SFO1 600.3345152 MHz
SI 32768
SF 600.3300115 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

