

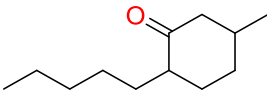


COMMITTED FOR CHEMISTRY

SYNCHEMIA RESEARCH CHEMICAL

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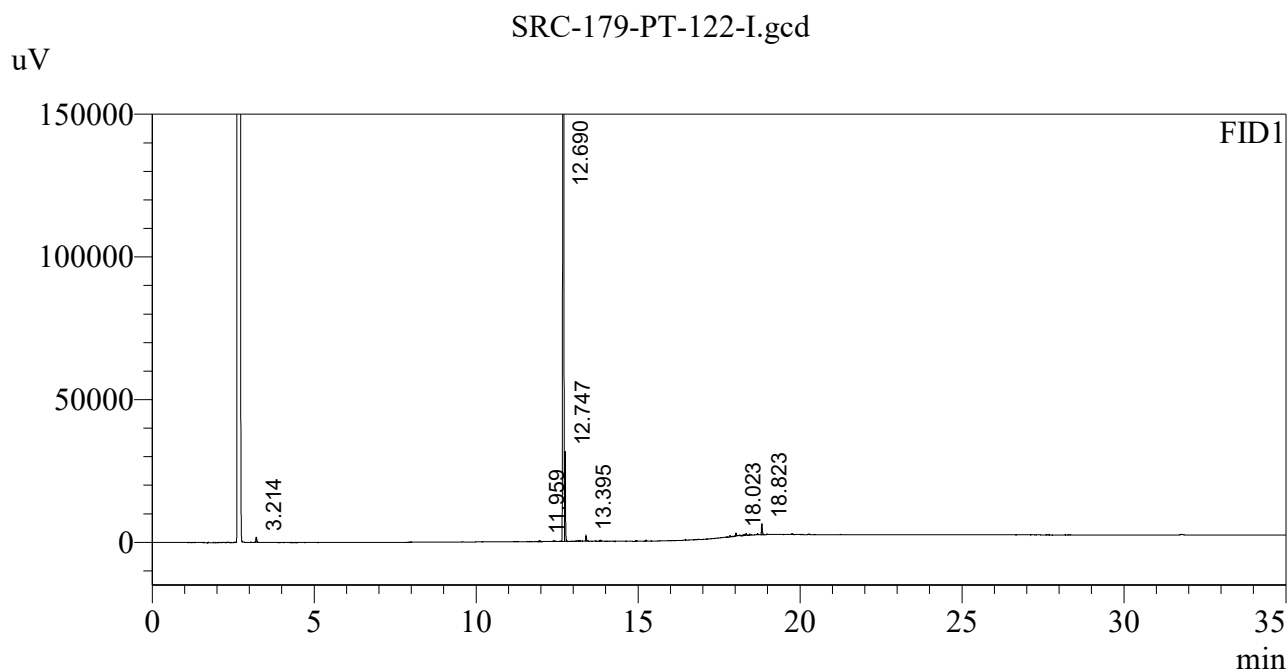
CERTIFICATE OF ANALYSIS

Product Name: Amylmetacresol Impurity G(Amylmetacresol EP Impurity G)		
CAS NO: 1357600-49-7		
Batch No: SRC-179-PT-122-I		
Date of Analysis: 05 FEB 2025		
Retest Date: 05 FEB 2027		
Structure: 		
Chemical Name		5-Methyl-2-pentylcyclohexanone
Molecular Formula		C ₁₂ H ₂₂ O
Molecular Weight		182.30g/mol
Sr. No.	Test	Result
1)	Description	Colourless Oil
2)	Solubility	Soluble In DMSO, Methanol
3)	Identification	
	Mass	Confirm to structure
	¹ H NMR	Confirm to structure
	IR	Confirm to structure
4)	Purity by GC	95.29%
Long Term Storage condition		Store at 2° to 8°c
Shipping Condition		Ambient
Note: This is only for Analytical testing purpose, not for Human or Animal Consumption.		
	Signature	Date
Checked By		
Approved By		



SAPALA ORGANICS PVT LTD

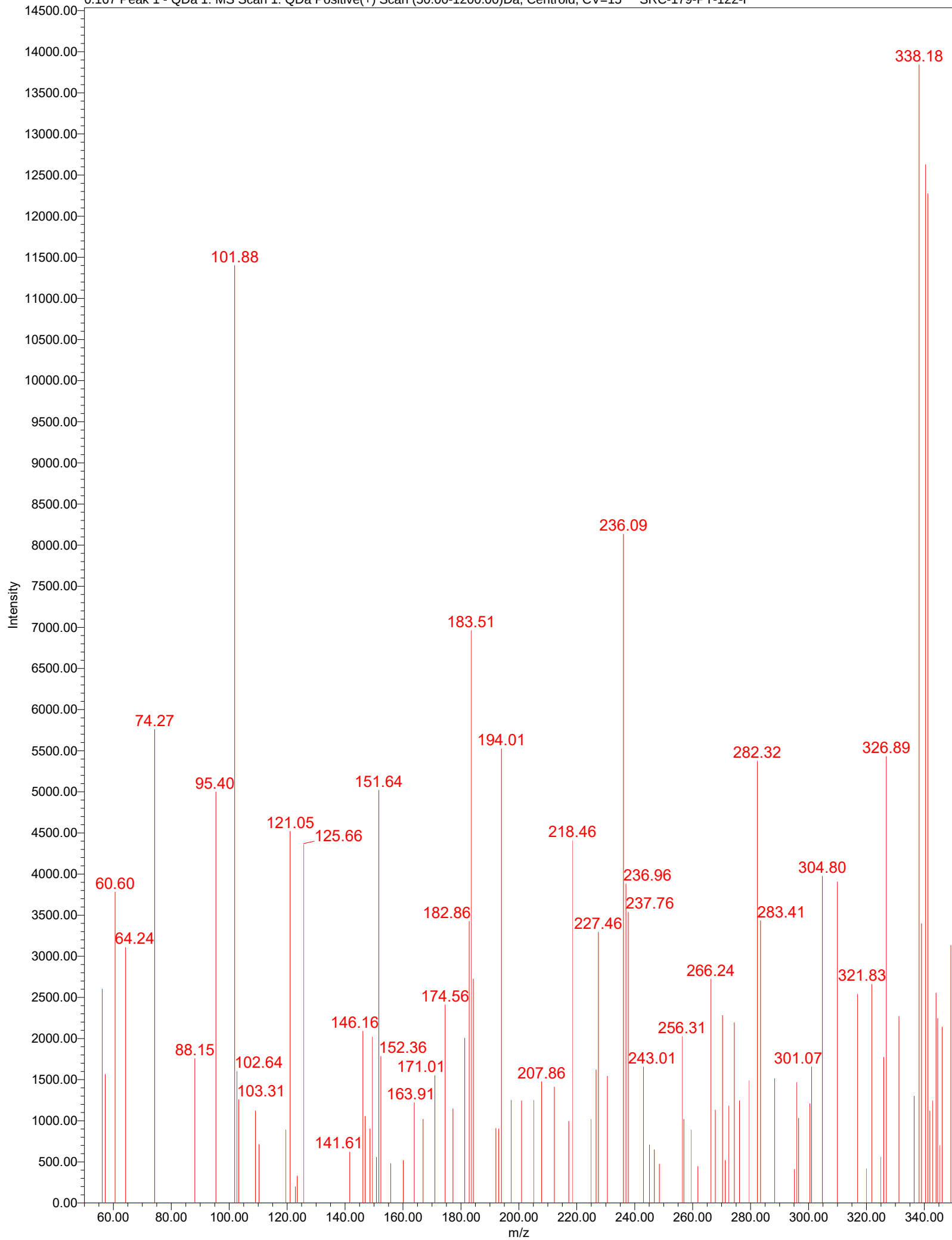
Sample Name : SRC-179-PT-122-I
 Sample ID : 008613
 Instrument ID : GC-02
 Data Filename : SRC-179-PT-122-I.gcd
 Method Filename : General Method.gcm
 Vial # : 3
 Date Acquired : 05/Feb/2025 10:20:20
 Date Processed : 05/Feb/2025 10:59:56
 Column ID SH-I-5MS : 30m X 0.25mm X 0.25µm
 Temp Program: 50°-5-20°-300°-17.5,
 Inj Temp: 250°C, Det Temp: 300°C,
 Flow rate: 1.0mL/min, Split ratio: 1:50,
 Carrier Gas: He,
 Diluent: Dichloromethane
 Inj. Vol(µL): 1.0



SRC-179-PT-122-I.gcd

FID1

Peak#	Ret. Time	Area	Area%
1	3.214	3485	0.262
2	11.959	705	0.053
3	12.690	1267635	95.294
4	12.747	47469	3.568
5	13.395	2818	0.212
6	18.023	1493	0.112
7	18.823	6633	0.499
Total		1330239	100.000

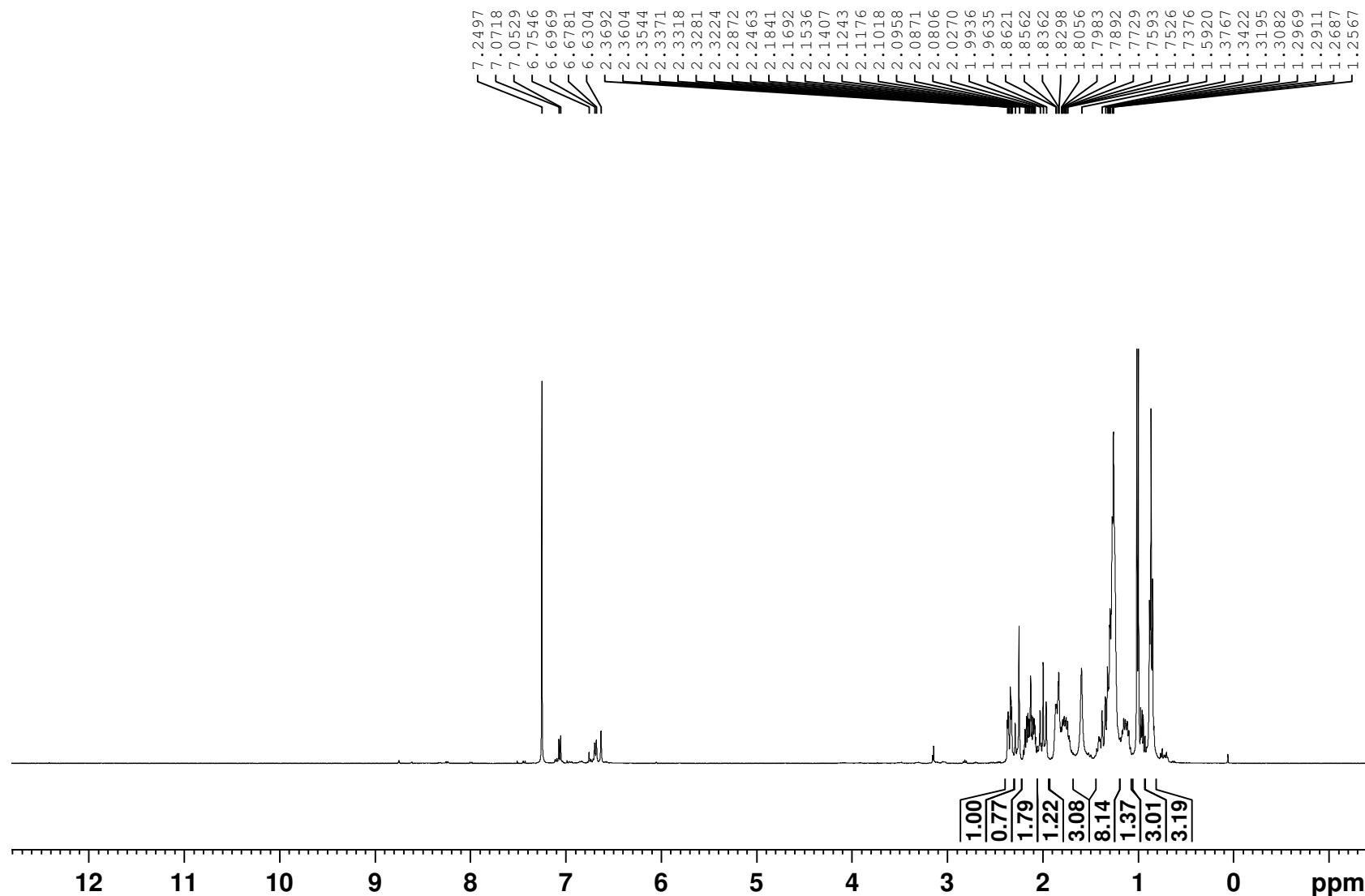


Current Data Parameters
NAME SRC-179-PT-122-I
EXPNO 10
PROCNO 1

F2 - Acquisition Parameters
Date_ 20250120
Time 16.28 h
INSTRUM Avance
PROBHD Z163739_0599 (
PULPROG zg30
TD 24576
SOLVENT CDC13
NS 8
DS 0
SWH 8196.722 Hz
FIDRES 0.667051 Hz
AQ 1.4991360 sec
RG 101
DM 61.000 usec
DE 13.89 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1
SFO1 400.3024719 MHz
NUC1 1H
P0 2.67 usec
P1 8.00 usec
PLW1 24.26700020 W

F2 - Processing parameters
SI 65536
SF 400.3000141 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

SRC-179-PT-122-I IN CDC13



Current Data Parameters
NAME SRC-179-PT-122-I
EXPNO 10
PROCNO 1
F2 - Acquisition Parameters
Date_ 20250120
Time 16.28 h
INSTRUM Avance
PROBHD Z163739_0599 (
PULPROG zg30
TD 24576
SOLVENT CDCl3
NS 8
DS 0
SWH 8196.722 Hz
FIDRES 0.667051 Hz
AQ 1.4991360 sec
RG 101
DM 61.000 usec
DE 13.89 usec
TE 298.2 K
D1 1.00000000 sec
TD0 1
SFO1 400.3024719 MHz
NUC1 1H
P0 2.67 usec
P1 8.00 usec
PLW1 24.26700020 W
F2 - Processing parameters
SI 65536
SF 400.3000141 MHz
WDW EM
SSB 0
LB 0.30 Hz
GB 0
PC 1.00

SRC-179-PT-122-I IN CDCl3

