

**Supplementary data file-02**

**(MSS#2735)**

**Table-1:** Phytochemical composition of PDA confirmed on GC-MS analysis

Serial No.	Retention time (RT)	Name of the compounds	Molecular weight	% Area
1	3.20	PROPANE, 2-CHLORO-2-NITRO-	123	13.54
2	3.58	CARBAMIC ACID, HYDROXY-, ETHYL ESTER	105	3.92
3	4.25	D-GLUCOSE, 2-O-METHYL-, DIETHYL MERCAPTAL	300	1.68
4	5.28	OXIME-, METHOXY-PHENYL-	151	3.36
5	7.46	TARTARAMIDE	148	1.09
6	8.17	HYDROQUINONE	110	1.61
7	10.75	CYCLOPROPANECARBOXYLIC ACID, 1-[[[(1,1-DIMETHYLETHOXY)CARBONYL]AMINO	215	1.59
8	12.41	2,5-FURANDICARBOXALDEHYDE	124	3.30
9	15.25	2,6-DIHYDROXYACETOPHENONE, 2TMS DERIVATIVE	296	0.95
10	16.59	BICYCLO[5.1.0]OCTANE, 8-METHYLENE-	122	1.10
11	17.00	4-MERCAPTOPHENOL	126	5.42
12	17.55	BICYCLO[7.2.0]UNDEC-4-ENE, 4,11,11-TRIMETHYL-8-METHYLENE-, [1R*(1R*,4Z,9S*)]-	204	2.72
13	18.96	CYCLOOCTASILOXANE, HEXADECAMETHYL-	592	1.24
14	19.96	NONANOIC ACID, METHYL ESTER	172	2.17
15	20.82	1,1,2,4,4-PENTAFLUOROBUT-2-ENE	146	0.90
16	22.22	CYCLONONASILOXANE, OCTADECAMETHYL-	666	1.93
17	23.45	ETHYLENE GLYCOL, O,O-DI(PIVALOYL)-	230	3.94
18	25.02	CYCLODECASILOXANE, EICOSAMETHYL-	740	0.66
19	25.93	3,5-DICHLORO-4-HYDROXYBENZOIC ACID	206	1.60
20	27.57	HEXASILOXANE, TETRADECAMETHYL-	458	0.72
21	28.37	TETRADECANOIC ACID, 10,13-DIMETHYL-, METHYL ESTER	270	2.67
22	29.87	TETRACOSAMETHYL-CYCLODODECASILOXANE	888	2.94
23	32.00	CYCLOHEXASILOXANE, DODECAMETHYL-	444	4.18
24	33.96	3-ISOPROPOXY-1,1,1,7,7,7-HEXAMETHYL-3,5,5-TRIS(TRIMETHYLSILOXY)TETRASIL	576	2.28
25	35.82	1,1,1,5,7,7,7-HEPTAMETHYL-3,3,5-TRIS(TRIMETHYLSILOXY)TETRASILOXANE	532	8.76
26	37.84	BIS(HEPTAMETHYLCYCLOTETRASILOXY)HEXAMETHYLTRISILOXANE	800	1.71

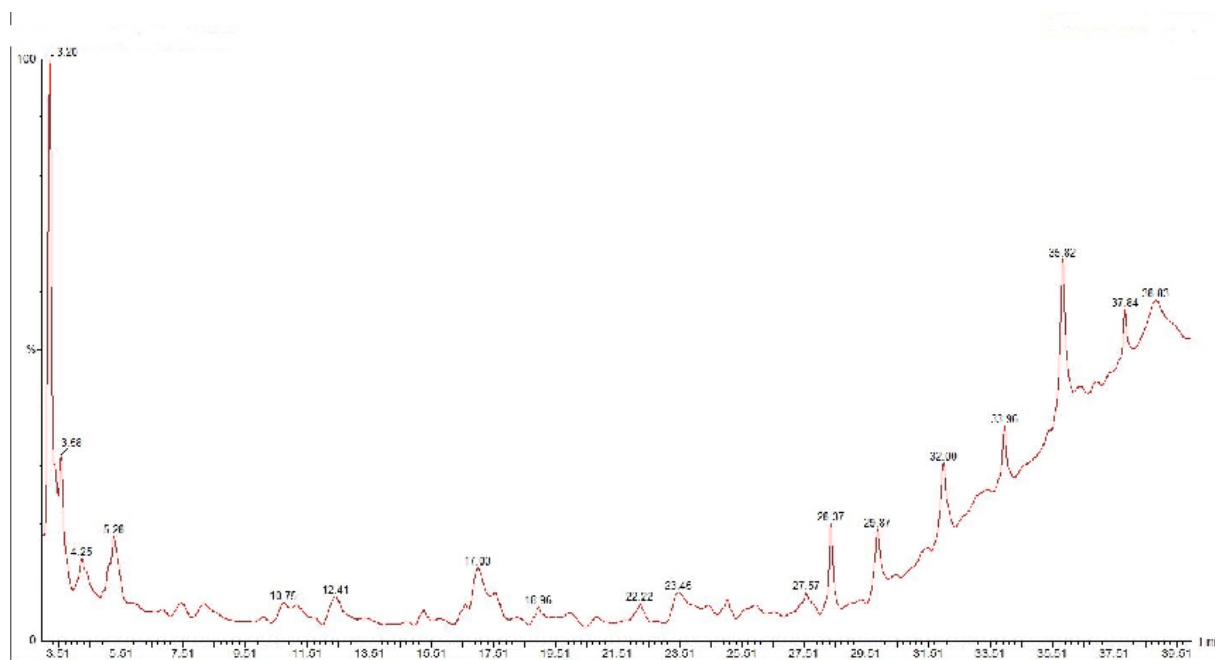


Fig. 1- GC-MS chromatogram of potato dextrose agar (PDA) media

**Outcome:** In GC-MS analysis, 26 compounds were identified from PDA. Fig. 6 represents the distinct GCMS chromatogram. The bioactive compounds identified from PDA were represented by their retention time (RT), molecular formula, molecular weight and peak area (%) in Table 3. The outcome obtained from this chromatogram shows that none of the compounds of PDA is overlapping with the same of fungus extracts of the present study.