

Supplementary Material

Optimum Conditions for Enhanced Production of Podophyllotoxin from *Penicillium* sp. Isolated from Khanspur, Pakistan

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Supplementary Table I. Isolation and screening of the fungal isolate for the production of podophyllotoxin through surface culture fermentation.

No. of samples	Fungal isolates	Amount of Podophyllotoxin produced (µg/ml)
MR-1	P*-15	10.799
	P-16	7.64
	P-18	88.14
	P-8	54.0
	P-1	3.8
	P-2	7.31
	P-3	5.68
MR-2	P-13	1.67
	P-12	2.63
MR-4	P-5	49.77
	P-7	14.71
KH-2	P-4	0.043
	P-6	0.65
	P-17	3.64
KH-3	P-19	7.9
	P-9	6.14
	P-10	12.8
MK-1	P-20	22.05
	P-14	3.64
MK-3	P-11	21.92

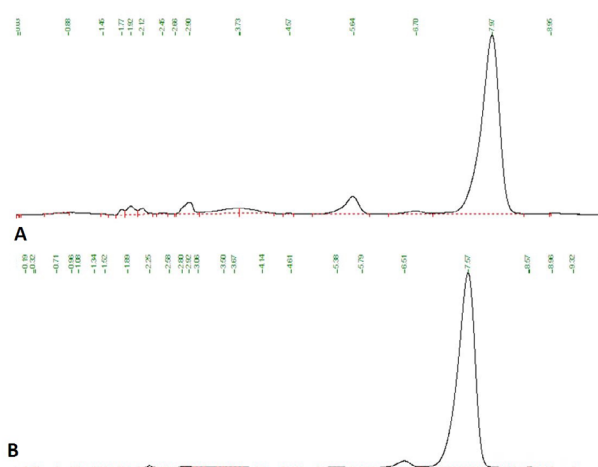
*MR, Murree; KH, Khanspur; MK, Mushkpuri. *P stands for podophyllotoxin.

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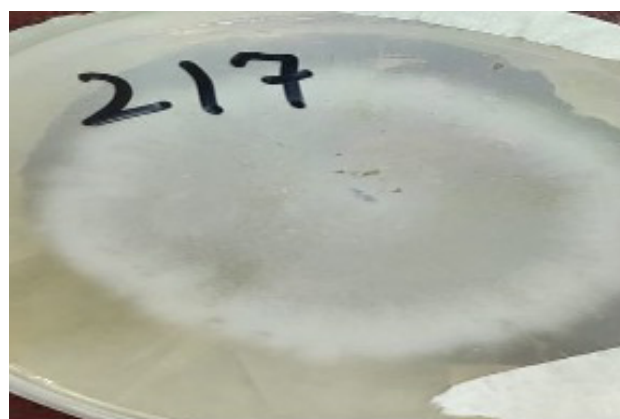


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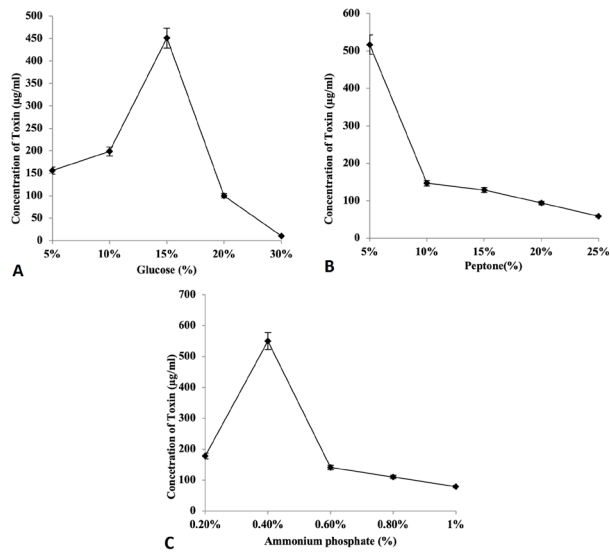
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Supplementary Fig. 1. HPLC chromatogram of podophyllotoxin (A) Standard (B) Sample.



Supplementary Fig. 2. Colony of isolated fungal strain P-18.



Supplementary Fig. 3. The sporangia and spore of isolated fungal strain P-18.