

Supplementary Table 1. Effect of different media on growth and taxol production by *P.chrysogenum*

Broth medium	Taxol $\mu\text{g/L}$	Fungal biomass g/L
PD	170a \pm 3.0	20a \pm 2.0
ME	85.63d \pm 10.0	10b \pm 3.0
YSE	110c \pm 10.0	15a \pm 5.0
CD	130.72b \pm 10.0	17a \pm 2.0

Potato dextrose (PD) (Zhang et al. 2009) (g L^{-1}): potato infusion 200, D-glucose 20 . **Malt extract agar medium (ME)** (Bilgrami and Verma, 1981) composed of (g/L): 20.0, malt extract; 5.0 ,yeast extract ;20.0, agar agar and 1000 ml, distilled H_2O . **yeast Sucrose-extract (YSE)** (Scott et al., 1970) Composed of (g/L):40.0,sucrose ; 20.0 ,yeast extract ;15.0, agar-agar and 1000ml, distilled H_2O . **C`zapek`s Dox medium (CD)** (Oxoid, 1982) composed of (g/L): 30.0, sucrose; 3.0, NaNO_3 ; 1.0 , KH_2PO_4 ; 0.5, $\text{MgSO}_4 \cdot 7\text{H}_2\text{O}$;0.5, KCl ; 0.01, $\text{FeSO}_4 \cdot 7\text{H}_2\text{O}$ and 20.0, agar-agar and 1000 ml distilled H_2O . Calculated mean is for triplicate measurements from two independent experiments \pm SD; means with different letters in the same column are considered statistically different (LSD test, $p < 0.05$)