

Table.4.2.13. **Supplementary Table S5** Effect of volatile compound produce by biocontrol agents s on induction of Superoxide dismutase activities in chilli leaves against *R. solanacearum* in glasshouse conditions.

Treatment s	Superoxide dismutase activity (Δ OD/min/mg protein)					
	0hapi	24hapi	48hapi	72hapi	96hapi	Mea n value
T1 (Control)	0.022 \pm 0.001 ^a b	0.027 \pm 0.003 ^d	0.030 \pm 0.003 ^d	0.027 \pm 0.003 ^c	0.021 \pm 0.002 ^c	0.025
T2 (<i>B. subtilis</i> KA9)	0.021 \pm 0.001 ^b	0.046 \pm 0.003 ^c d	0.063 \pm 0.003 ^a b	0.058 \pm 0.003 ^a	0.043 \pm 0.003 ^a b	0.046
T3 (<i>P. fluorescen</i> s PDS1)	0.021 \pm 0.001 ^b	0.043 \pm 0.003 ^c	0.061 \pm 0.004 ^c	0.062 \pm 0.003 ^a	0.044 \pm 0.002 ^a b	0.046
T4 (<i>B. subtilis</i> KA9 + RS)	0.022 \pm 0.001 ^a b	0.055 \pm 0.002 ^b c	0.072 \pm 0.002 ^b	0.057 \pm 0.003 ^a	0.039 \pm 0.002 ^b	0.049
T5 (<i>P. fluorescen</i> s + RS)	0.023 \pm 0.001 ^a b	0.062 \pm 0.003 ^b	0.082 \pm 0.004 ^a	0.044 \pm 0.003 ^b	0.049 \pm 0.002 ^a b	0.052
T6(RS+ KA9+ PDS1)	0.024 \pm 0.001 ^a b	0.081 \pm 0.002 ^a	0.063 \pm 0.003 ^a b	0.063 \pm 0.003 ^a	0.046 \pm 0.002 ^a b	0.048
T7 (RS)	0.022 \pm 0.001 ^a b	0.051 \pm 0.002 ^c d	0.063 \pm 0.003 ^a b	0.056 \pm 0.004 ^a	0.044 \pm 0.002 ^a b	0.047
Mean value	0.022	0.052	0.062	0.052	0.040	-
C.D.	0.002	0.008	0.009	0.009	0.006	-
SE(m)	0.001	0.003	0.003	0.003	0.002	-
SE(d)	0.001	0.004	0.004	0.004	0.003	-
C.V.	5.662	11.862	11.422	13.178	11.601	-