

Table 4.3 Percentage of ethylbenzene removal by *Z. zamiffolia* and microorganism-associated leaf of *Z. zamiffolia*

Condition	Time (hour)				
	12	24	36	48	60
Natural plant (Control)	46.89 ^a	64.26 ^a	75.21 ^a	82.82 ^a	100
Sterile plant	43.74 ^{a,b}	64.30 ^a	75.32 ^{a,b}	81.37 ^a	100
Sterile plant + <i>P. putida</i> TISTR1522	51.81 ^{a,b}	68.24 ^a	78.43 ^{a,b}	100 ^b	100
Sterile plant + <i>P. aeruginosa</i>	67.09 ^b	76.06 ^b	100 ^b	100 ^b	100
Sterile plant + <i>B. cereus</i> E33L	63.05 ^b	71.52 ^b	79.37 ^{a,b}	100 ^b	100
Sterile plant + <i>Bacillus</i> sp. N6	64.10 ^b	68.45 ^a	79.39 ^{a,b}	100 ^b	100
Sterile plant + <i>B. cereus</i> strain ZQN5	51.73 ^b	71.88 ^b	100 ^b	100 ^b	100
Sterile plant + <i>Bacillus</i> sp. 6B254-3L	61.25 ^b	71.31 ^b	78.64 ^{a,b}	100 ^b	100
Sterile plant+ <i>B. amyloliquefaciens</i> subsp. plantarum NAU-B3	47.26 ^{a,b}	69.40 ^{a,b}	78.00 ^{a,b}	85.29 ^a	100
Sterile plant+ <i>Exiguobacterium</i> sp. MH3	61.40 ^b	64.32 ^a	75.24 ^a	85.45 ^a	100
Sterile plant + <i>Acinetobacter</i> sp. 10095	58.29 ^b	62.54 ^a	74.19 ^a	83.89 ^a	100
Sterile plant + <i>A. calcoaceticus</i> strain HPC253	54.75 ^{a,b}	61.05 ^a	74.27 ^a	81.94 ^a	100

Data are list as average $\pm$ SD for three replications. Duncan's multiple range tests with 95% confident level was used to classify the group of data. Values in the same column with the superscripted same letter are not significantly different ($\alpha = 0.05$)

