

**Table 1)** Statistical Mean of Minimum Inhibitory Concentration (MIC) and Minimum Bacterial Concentration (MBC) of Zataria Multiflora Boiss Essential Oil against 8 Pathogenic Species (%)

Minimum Inhibitory Concentration (MIC)	Minimum Bacterial Concentration (MBC)
<i>Escherichia Coli</i>	0.039±0.001
<i>Bacillus Cereus</i>	0.025 ± 0.010
<i>Klebsiella Pneumoniae</i>	0.039±0.001
<i>Pseudomonas Aeruginosa</i>	0.156±0.001
<i>Staphylococcus Aureus</i>	0.071±0.070
<i>Shigella Flexneri</i>	0.039±0.001
<i>Salmonella Enterica Enteritidis</i>	0.032±0.010
<i>Salmonella Typhimurium</i>	0.032±0.010

**Table 2)** MIC Paired Comparison of Studied Bacteria using Tukey Test

Bacteria Species	1	2	3	4	5	6	7	8
<b>1. Escherichia Coli</b>	-	0.998	1	0.001*	0.816	1	1	1
<b>2. Bacillus Cereus</b>	0.998	-	0.998	0.0001*	0.474	0.998	1	1
<b>3. Klebsiella Pneumoniae</b>	1	0.998	-	0.001*	0.816	1	1	1
<b>4. Pseudomonas Aeruginosa</b>	0.001*	0.0001*	0.001*	-	0.025*	0.001*	0.001*	0.001*
<b>5. Staphylococcus Aureus</b>	0.816	0.474	0.816	0.025*	-	0.816	0.651	0.651
<b>6. Shigella Flexneri</b>	1	0.998	1	0.001*	0.816	-	1	1
<b>7. Salmonella Enterica Enteritidis</b>	1	1	1	0.001*	0.651	1	-	1
<b>8. Salmonella Typhimurium</b>	1	1	1	0.001*	0.651	1	1	-

\*P&lt;0.05