| Compounds                        | Concentration (µg/ml) | MBC/MIC ratio |
|---------------------------------|-----------------------|---------------|
| Compound 1- scopoletin<sup>a</sup> | 25.00±0.00            | 50.00±0.00    | 2 (+)         |
| Compound 2-scoparone<sup>a</sup> | 50.00±0.00            | 100.00±0.00   | 2 (+)         |
| Compound 3- (+)-catechin<sup>a</sup> | 50.00±0.00         | >100          | nd            |
| Compound 4- jixin<sup>a</sup>    | 100.00±0.00           | >100          | nd            |
| Compound 5- vomifoliol<sup>a</sup> | 100.00±0.00         | >100          | nd            |
| Compound 6- syringic acid<sup>a</sup> | 50.00±0.00         | 100.00±0.00   | 2 (+)         |
| Compound 7-Hyperin (water fraction) | 50.00±0.00        | 100.00±0.00   | 2 (+)         |
| Compound 8-Cynaroside (water fraction) | 50.00±0.00        | 100.00±0.00   | 2 (+)         |

<sup>nd</sup>: not determined.<br>
<sup>a</sup>: previously isolated compounds from the chloroform fraction (Mogana et al., 2014)