

Table 2: The MIC (mg/mL) of plant infusions against *S. enterica* and *E. coli*

Plant Infusions	Pathogens / MIC (mg/mL)		
	<i>S. enterica</i> (NCTC 13349)	<i>E. coli</i> (NCTC 11560)	<i>E. coli</i> (NCTC 13352)
<i>S. officinalis</i>	0.625±0.27 <sup>ef</sup>	0.356±0.17 <sup>e</sup>	0.091±0.04 <sup>g</sup>
<i>C. officinalis</i>	10.00±0.00 <sup>a</sup>	1.25±0.00 <sup>cd</sup>	0.260±0.09 <sup>f</sup>
<i>C. fortunei</i>	1.667±0.72 <sup>bcd</sup>	0.625±0.27 <sup>d</sup>	0.312±0.00 <sup>f</sup>
<i>S. china</i>	0.625±0.27 <sup>ef</sup>	0.614±0.27 <sup>d</sup>	1.182±0.21
<i>A. pilosa</i>	0.625±0.27 <sup>ef</sup>	2.083±0.72 <sup>bcd</sup>	2.50±0.00
<i>P. chinensis</i>	1.667±0.72 <sup>bcd</sup>	2.083±0.72 <sup>bcd</sup>	0.156±0.00 <sup>fg</sup>
<i>R. palmatum</i>	0.382±0.14 <sup>g</sup>	0.165±0.06 <sup>f</sup>	0.329±0.12 <sup>f</sup>
<i>A. lappa</i>	0.555±0.14 <sup>ef</sup>	0.364±0.16 <sup>e</sup>	0.329±0.12 <sup>f</sup>
<i>P. suffruticosa</i>	0.555±0.14 <sup>ef</sup>	0.625±0.27 <sup>d</sup>	0.182±0.08 <sup>fg</sup>
<i>A. macrostemon</i>	1.25±0.00 <sup>cde</sup>	4.167±1.44 <sup>b</sup>	1.250±0.00 <sup>ef</sup>
<i>H. diffusa</i>	0.625±0.00 <sup>ef</sup>	10.0±0.00 <sup>a</sup>	1.041±0.36 <sup>ef</sup>
<i>E. abyssinica</i> <sup>L</sup>	1.667±0.72 <sup>bcd</sup>	2.50±0.00 <sup>bcd</sup>	1.667±0.72 <sup>1ef</sup>
<i>C. macrostachyus</i> <sup>L</sup>	1.25±0.00 <sup>cde</sup>	2.50±0.00 <sup>bcd</sup>	2.50±0.00 <sup>de</sup>
<i>C. macrostachyus</i> <sup>S</sup>	1.25±0.00 <sup>cde</sup>	8.333±2.88 <sup>a</sup>	8.333±2.88 <sup>a</sup>
<i>A. conyzoides</i>	2.083±0.72 <sup>bc</sup>	10.00±0.00 <sup>a</sup>	5.00±0.00 <sup>bc</sup>
<i>M. charantia</i> <sup>L</sup>	1.667±0.72 <sup>bcd</sup>	10.00±0.00 <sup>a</sup>	6.667±2.88 <sup>b</sup>
<i>S. mombins</i> <sup>L</sup>	1.667±0.72 <sup>bcd</sup>	3.333±1.44 <sup>bc</sup>	5.00±0.00 <sup>bc</sup>
<i>B. speciosa</i> <sup>B</sup>	1.111±0.28 <sup>def</sup>	0.520±0.18 <sup>d</sup>	0.520±0.18 <sup>f</sup>
<i>B. speciosa</i> <sup>L</sup>	2.50±0.00 <sup>b</sup>	2.083±0.72 <sup>bcd</sup>	2.5±0.00 <sup>de</sup>
<i>A. melegueta</i> <sup>L</sup>	2.50±0.00 <sup>b</sup>	8.333±2.88 <sup>a</sup>	1.250±0.00 <sup>ef</sup>
<i>A. melegueta</i> <sup>TR</sup>	2.083±0.72 <sup>bc</sup>	8.333±2.88 <sup>a</sup>	5.00±0.00 <sup>bc</sup>
<i>A. melegueta</i> <sup>S</sup>	2.083±0.72 <sup>bc</sup>	8.333±2.88 <sup>a</sup>	4.167±1.43 <sup>cd</sup>

Triplicate readings: mean±SD (Data with different letters/superscripts are significantly different from each other (P < 0.005) for one column)

(Note: Results highlighted in red colour were within the MIC cut-off point of < 1 mg/mL)

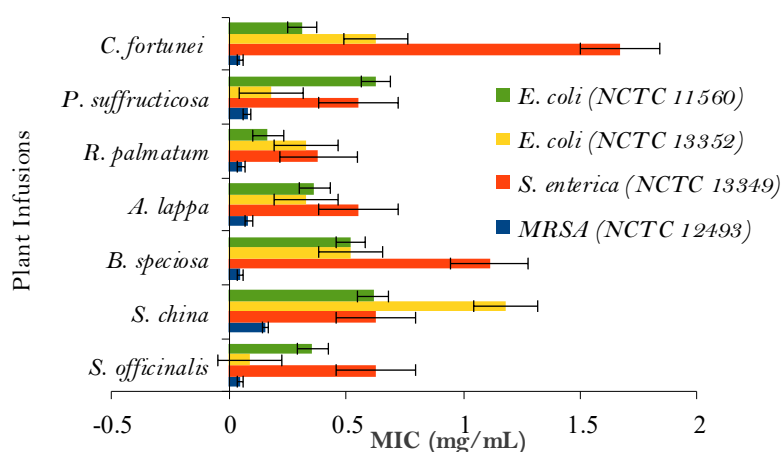


Figure 1: MIC (mg/mL) of plant infusions showing moderate antibacterial activity against *S. enterica*, *E. coli* and MRSA