

Table: 7. Inhibition percentage (1%) values (mean \pm standard deviation) and IC₅₀ values of *Allium* spp. extracts obtained with DPPH test.*

<i>Allium</i> spp. extract	1%	IC ₅₀ (mg/ml)
<i>Allium neapolitanum</i>		
Bulbs	25.02 \pm 1.437 ^a	
Bulblets	79.29 \pm 0.638 ^a	2.65 \pm 0.032 ^f
Leaves	31.99 \pm 3.197 ^a	
Flowers	46.05 \pm 3.126 ^a	
<i>Allium roseum</i>		
Bulbs	2.54 \pm 0.848	
Bulblets	1.54 \pm 0.812	
Flower bulblets	32.40 \pm 0.135 ^b	
Leaves	64.23 \pm 1.126 ^b	3.08 \pm 0.108 ^f
Flowers	79.02 \pm 2.102	1.01 \pm 0.032
<i>Allium subhirsutum</i>		
Bulbs	11.78 \pm 2.112 ^c	
Leaves	21.94 \pm 1.498 ^c	
Flowers	82.18 \pm 2.825	2.05 \pm 0.183 ^f
<i>Allium sativum</i> (white papery coating)		
Bulbs	17.07 \pm 2.517 ^d	
Leaves	41.43 \pm 2.449	
<i>Allium sativum</i> (red papery coating)		
Bulbs	16.64 \pm 2.201 ^e	
Leaves	35.11 \pm 3.742	

^a vs *Allium neapolitanum* bulblets with p < 0.001.

^b vs *Allium roseum* flowers with p < 0.001.

^c vs *Allium subhirsutum* flowers with p < 0.001.

^d vs *Allium sativum* (white papery coating) leaves with p < 0.01.

^e vs *Allium sativum* (red papery coating) leaves with p < 0.01.

^f vs *Allium roseum* flowers with p < 0.001.

*Nencini *et al.* (2007)

Table: 8. FRAP values of *Allium* spp. extract obtaining with FRAP test.*

<i>Allium</i> spp. Extract	FRAP value (mmol/g) mean±s.d.
<i>Allium neapolitanum</i>	
Bulbs	1.56±0.335 ^a
Bulblets	3.20±0.114 ^{aa}
Leaves	1.98±0.143 ^a
Flowers	4.87±0.290
<i>Allium roseum</i>	
Bulbs	0.74±0.101 ^b
Bulblets	0.67±0.115 ^b
Flower bulblets	4.41±0.100 ^{bb}
Leaves	8.12±0.414
Flowers	6.60±0.192 ^{bbb}
<i>Allium subhirsutum</i>	
Bulbs	1.97±0.065 ^c
Leaves	2.13±0.118 ^c
Flowers	15.67±0.117
<i>Allium sativum</i> (white papery coating)	
Bulbs	0.62±0.016 ^d
Leaves	4.30±0.095
<i>Allium sativum</i> (red papery coating)	
Bulbs	0.15±0.026 ^e
Leaves	2.41±0.157

^avs *Allium neapolitanum* flowers with p < 0.01.

^{aa}vs *Allium neapolitanum* flowers with p < 0.02.

^bvs *Allium roseum* leaves with p < 0.001.

^{bb}vs *Allium roseum* leaves with p < 0.01.

^{bbb}vs *Allium roseum* leaves with p < 0.05.

^cvs *Allium subhirsutum* flowers with p < 0.001.

^dvs *Allium sativum* (white papery coating) leaves with p < 0.01.

^evs *Allium sativum* (red papery coating) leaves with p < 0.01.

*Nencini *et al.* (2007)

Table: 9. Polyphenol values of *Allium* spp. extracts.*

<i>Allium</i> spp. Extract	Polyphenol level (mg GAE/g) mean \pm s.d.
<i>Allium neapolitanum</i>	
Bulbs	0.52 \pm 0.047 ^{aa}
Bulblets	0.57 \pm 0.0147 ^{aa}
Leaves	0.43 \pm 0.021 ^a
Flowers	0.70 \pm 0.098
<i>Allium roseum</i>	
Bulbs	0.38 \pm 0.013 ^b
Bulblets	0.51 \pm 0.011 ^{bbb}
Flower bulblets	0.44 \pm 0.043 ^{bb}
Leaves	0.59 \pm 0.045
Flowers	0.56 \pm 0.012
<i>Allium subhirsutum</i>	
Bulbs	0.49 \pm 0.024 ^c
Leaves	0.45 \pm 0.0650 ^{cc}
Flowers	0.64 \pm 0.008
<i>Allium sativum</i> (white papery coating)	
Bulbs	0.32 \pm 0.032 ^d
Leaves	0.57 \pm 0.047
<i>Allium sativum</i> (red papery coating)	
Bulbs	0.38 \pm 0.022
Leaves	0.41 \pm 0.053

^a_{vs} *Allium neapolitanum* flowers with $p < 0.001$.

^{aa}_{vs} *Allium neapolitanum* flowers with $p < 0.01$.

^b_{vs} *Allium roseum* leaves with $p < 0.001$.

^{bb}_{vs} *Allium roseum* leaves with $p < 0.01$.

^{bbb}_{vs} *Allium roseum* leaves with $p < 0.05$.

^c_{vs} *Allium subhirsutum* flowers with $p < 0.001$.

^{cc}_{vs} *Allium subhirsutum* flowers with $p < 0.05$

^d_{vs} *Allium sativum* (white papery coating) leaves with $p < 0.01$.

*Nencini *et al.* (2007)