

Table 3 Effect of Myrtus communis extract (pH 6.00) on viability of Trichomonas vaginalis (in vitro)

| Amount of extract added to 0.1 mL medium | Viability of <i>T. vaginalis</i> Incubation period (hours) | | | |
|--|---|------------------|------------------|------------------|
| | 0 | 0.5 | 1 | 24 |
| 0.0 mL (control) | Alive | Alive | Alive | Alive |
| 0.1 mL (10 mg) | Alive | Alive | Alive | Alive |
| 0.2 mL (20 mg) | Alive | Alive | Alive | Alive |
| 0.4 mL (40 mg) | Alive | Alive | Alive | Alive |
| 0.5 mL (50 mg) | Alive | Alive | Alive | Alive |
| 1.0 mL (100 mg) | Alive | Alive | Alive | Active flagellae |
| 1.5 mL (150 mg) | Alive | Active flagellae | Active flagellae | Active flagellae |
| 2.0 mL (200 mg) | Alive | Active flagellae | Active flagellae | Active flagellae |
| 3.0 mL (300 mg) | Alive | Active flagellae | Active flagellae | Active flagellae |

Alive = normal activity and movement of the organism and the flagellae.

Active flagellae = flagellae only moving.