

## SUMMARY

The body's immunity is needed to fight various diseases, one of which is by consuming immunostimulants. *Chlorella vulgaris* contains provitamin A ( $\beta$  carotene), vitamin C, vitamin E, and CGF, potentially used as natural immunostimulants. *C. vulgaris* can be applied as effervescent tablets to improve drug absorption and mask the taste. This study aims to determine the effect of giving effervescent tablets of *C. vulgaris* as an immunostimulant by testing the leukocyte levels of mice (*Mus musculus*). The research method was an experimental, completely randomized design (CRD) with six treatments, each consisting of three replications. Eight weeks old male mice,  $20 \pm 5$  g body weight, were given effervescent *C. vulgaris* for 14 consecutive days. Powder concentration of *C. vulgaris* Control 0%, P1 7%, P2 15%, P3 30%, P4 35%, and P5 50% was administered once a day. Count the number of leukocytes in mice (*Mus musculus*). The results showed that the administration of effervescent *C. vulgaris* could increase the amount of haemoglobin, the best indicated by the P4 group (35% *C. vulgaris*), which was  $12.67 \pm 0.40$  g/dl. *C. vulgaris* effervescent tablets are potential as immunostimulants.

**Keywords:** *Chlorella vulgaris*, effervescent, haemoglobin, immunostimulant

