ABSTRACT

Present feeding experiment of 8-week time duration was performed on grass carp *Ctenopharyngodon idella* to establish and highlight the vital role of mega dosage of L-ascorbic acid on augmentation of growth and proportion of ascorbate content accumulation in muscle tissues. Four dietary groups each along with its replicate were run as treatments, in this experiment. Feed containing graded levels of ascorbic acid with (0, 500, 1000, 1500, mg A.A/kg diet) was fed to treatment groups A, B, C, & D respectively according to satiation level of fish twice a day. Significantly better ($p<0.05$) weight achieving ratio (173.85±1.18), and elevated muscle ascorbate absorption and concentration level in tissues (129.63±6.05), significantly ($p<0.05$) highest specific growth rate (4.53±0.04) and lowest food conversion ratio FCR (1.16±0.30) was observed in group D (1500mg A.A/kg diet). Optimal ascorbate level required for growth of grass carp was not established in this feeding assessment.