

ABSTRACT

TOTAL PLATE COUNT OF OYSTER MUSHROOM

(Pleurotus ostreatus)

Afriyanti Rifqi Absani

Oyster mushrooms (*Pleurotus ostreatus*) have very high nutritional content. Oyster mushrooms are edible mushrooms. Various food preparations must have quality that complies with food processing specification standards. This study aims to determine the ALT value in oyster mushroom simplicia (*Pleurotus ostreatus*). The method used is ALT to count the number of microorganisms. The ALT assay using multiple dilution and was incubated for 24 hours at 37°C. The results of ALT calculations in oyster mushrooms (*Pleurotus ostreatus*) were 1.2×10^5 cfu/gram. This value fulfill the requirements of BPOM No. 13 of 2019 (10^5 cfu/gram – 10^6 cfu/gram).

Keywords: Oyster Mushroom (*Pleurotus ostreatus*), Total Plate Count.