



MINISTRY OF MARINE AFFAIRS AND FISHERIES OF INDONESIA
MARINE AND FISHERIES RESEARCH AND HUMAN RESOURCE AGENCY
MARINE AND FISHERIES POLYTECHNIC OF JEMBRANA

PENGAMBENGAN, NEGARA, JEMBRANA, BALI 82218
TELEPHONE (0365) 4503980, FAXMILE (0365) 4503980
WEBSITE www.kkp.go.id

Resti Nurmala Dewi, S.T., M.Eng.

Phone: +62 896 932 774 07

Fax: +62 274 649 2170

E-Mail: resti.nurmala@kkp.go.id

August 9, 2023

Dear Prof. Dr. Sinung Rahardjo, A.Pi., M.Si.
Editor-in-Chief,
Buletin Jalanidhitah Sarva Jivitam, Politeknik AUP Jakarta

For your consideration, we hereby submit our manuscript, "**Total Bacteria and Formalin Analysis on Fish and Processed Fishery Products at Traditional Markets Negara, Jembrana, Bali**" for publication in the Buletin Jalanidhitah Sarva Jivitam, Politeknik AUP Jakarta. Nowadays, foodborne diseases often occur amidst human due to the consumption of food contaminated by microbial or chemical compounds. One source of food that is easily contaminated is fish. Fish is a food source that is easy to spoil because it contains high levels of water and protein, therefore, it becomes a medium for bacterial growth. One way that can be performed to maintain the quality of fish is by processing and preserving it. However, the process is mostly carried out without referring to existing standards. Hence, this study aimed to analyze the microbial and formalin contamination located in traditional markets, Negara District, Jembrana Regency. Overall, 8 out of 10 samples did not meet the bacterial contamination standards except for 2 samples in the form of tuna (*Euthynnus affinis*) and mackerel scad (*Decapterus spp*) were still below the required threshold with a value of 1.9×10^5 CFU/g. Whereas, 1 sample of sudang from *Sardinella lemuru* was found positive for formalin which was indicated by a change in light purple color

We believe these findings will be a significant contribution and inspire marine and fisheries community. For these reasons, we feel that our first attempt and exciting first results are well suited for a publication through Buletin Jalanidhitah Sarva Jivitam, Politeknik AUP Jakarta. Herewith we also state that the work is an original research carried out by the author. Likewise, we confirm that the work has not been submitted simultaneously to another journal for consideration. We look forward to your review and a positive reception of our manuscript.

Sincerely,

Resti Nurmala Dewi, S.T., M.Eng.

