



ABSTRACT

The study was performed in order to determine the proportion of samples positive to *Salmonella* spp. isolated from chicken intestines. The antimicrobial resistance profile of the isolates and its multidrug resistance was also identified. A total of 9 samples were collected and purchased from Tagaytay City, Dasmariñas City and Imus City. Using the conventional culture method, all of the nine samples rendered positive with a total of 32 isolates conforming to *Salmonella* spp. With the use of oxidase test, nine isolates rendered negative, indicative of *Salmonella* spp. It was further confirmed using the API kit leading to a result of three isolates conforming to the characteristics of *Salmonella* spp. In the antimicrobial susceptibility testing, two of the isolates were resistant to ampicillin, chloramphenicol, co-trimoxazole and tetracycline showing multidrug resistance whereas one isolate was resistant to ampicillin.