

EXPLANATION FOR APHIS FORM 7023 COLUMN E ENTRIES**FY 2016****CUSTOMER NUMBER: 334026****REGISTRATION NUMBER: 71-G-0001**

Species: Channel Catfish

Number: 2234

Fish were used to determine the effect of 1) the administration of therapeutants, 2) immunization on their mortality during use of a bacterial disease model, or 3) genetic strains of dietary feed grains on their mortality during use of a bacterial disease model. The proposed studies could only be accomplished using live fish as an in vivo response to therapeutants, infection, or feed ingredient was evaluated. Exposure to therapeutants may cause some fish to experience respiratory distress. During the bacterial disease model some fish may experience distress from exposure to bacteria which may result in the obstruction of respiration or in the cutaneous osmoregulatory process. Drug intervention (beyond the testing paradigm) to eliminate distress was contraindicated due to the scientific need to test the efficacy of therapeutants, immunization strategies, or dietary ingredients in the disease model. Fish that were identified as moribund or show visual signs of swimming incoordination, lack of proper buoyancy, general lethargy, or otherwise displaying abnormal behavior were euthanized.

Note: No exceptions to the regulations and standards were requested by the PI or approved by the IACUC.

Species: Hybrid Striped Bass

Number: 210

Fish were used to determine the effect of 1) the administration of therapeutants, 2) immunization on their mortality during use of a bacterial disease model, or 3) genetic strains of dietary feed grains on their mortality during use of a bacterial disease model. The proposed studies could only be accomplished using live fish as an in vivo response to therapeutants, infection, or feed ingredient was evaluated. Exposure to therapeutants may cause some fish to experience respiratory distress. During the bacterial disease model some fish may experience distress from exposure to bacteria which may result in the obstruction of respiration or in the cutaneous osmoregulatory process. Drug intervention (beyond the testing paradigm) to eliminate distress was contraindicated due to the scientific need to test the efficacy of therapeutants, immunization strategies, or dietary ingredients in the disease model. Fish that were identified as moribund or show visual signs of swimming incoordination, lack of proper buoyancy, general lethargy, or otherwise displaying abnormal behavior were euthanized.

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