



Certification of Testing for KHV: Bickal Koi Farm, Toddville, Iowa

Enzyme Linked Immunosorbent Assay (ELISA) for Detection of Antibodies to the Koi Herpesvirus (KHV) in the Serum of Koi *Cyprinus carpio*, Loyola University Fish Pathology, 80 (2), 07–06, 2009. 7

Testing results using ELISA. ....Negative

Testing polymerase chain reaction (PCR) test: designed to provide a disease status check dealing with *Cyprinus carpio*.

This test was performed on fish exhibiting no obvious symptoms of KHV and takes about 5 weeks to complete, including a two-week quarantine period.

Testing results using PCR test. ....Negative

The presents of Arsenic from run-off in fish farms is noted to cause stress in *Cyprinus carpio* and can construct a reaction with KHV CyHV-3.

Arsenic (ppb) as tested 0.32.....Violation Noted.....None

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