

List of Tables

Table (1): Physico-chemical characteristics of White Nile River at Jebel Aulia Reservoir.....	33
Table (2): Gross composition of commercial poultry meal fed to experimental fish (<i>Oreochromis niloticus</i>).....	36
Table (3): Drabkin's solution.....	38
Table (4): Mixture of working reagent, fish blood and standard Solution.....	39
Table (5): Physicochemical characteristics of water samples as affected by cleaning interval time.....	48
Table (6): Average Haemoglobin Concentration (g/dl) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water cleaning and changing interval time.....	53
Table (7) Average Packed Cell Volume (PCV, %) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water cleaning and changing interval time.....	54
Table (8): Average Mean Corpuscular Volume (MCV, Fl) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water cleaning and changing interval time.....	55
Table (9) Average Mean Corpuscular Haemoglobin (MCH, Pg) of Tilapia as affected by fish weight and water cleaning and changing interval time.....	56
Table (10) Average Red Blood Cells (RBCs, million/mm ³) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water cleaning and changing interval time.....	57
Table (11): Relationship between probit haematological indices of <i>Oreochromis niloticus</i> (Y) and water quality parameters (X).....	69
Table (12): Average White Blood Cells count of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water cleaning and changing interval time.....	70
Table (13): Average lymphocytes (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by weight and water cleaning	

and changing interval time.....	71
Table (14): Average Monocytes(%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by weight and water cleaning and changing interval time.....	72
Table (15): Average Neutrophils (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by weight and water cleaning and changing interval time.....	73
Table (16): Average Thrombocytes (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water cleaning and changing interval time	74
Table (17) Mean Basophils (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and cleaning interval.....	75
Table (18): Mean Esinoophils (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and cleaning interval.	76
Table (19): Relationship between probit haematological indices of <i>Oreochromis niloticus</i> (Y) and water quality parameters (X).....	100
Table (20): Relationship between probit Leukocyte differential count (Y) and water quality parameters (X).....	101
Table (21): Physicochemical characteristics of different water source during survey study.....	103
Table (22): Mean Haemaglobin Concentration (g/dl) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and Water characteristics in different fishponds.....	110
Table (23): Mean Packed Cell Volume (PCV, %) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds.....	111
Table (24):Average Mean of Corpuscular Volume (MCV, Fl) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fishponds.....	112
Table (25): Average Mean Corpuscular of Haemoglobin (MCH, Pg) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds.	113

Table (26): Mean Red Blood Cells (RBCs, million/mm ³) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds.....	114
Table (27): Mean White Blood Cell count (WBCs) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fishponds.....	121
Table (28): Mean lymphocytes (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds.....	122
Table (29): Mean Monocytes(%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds.....	123
Table (30): Mean Neutrophils(%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds	124
Table (31): Mean Thrombocytes (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds	125
Table (32): Mean Basophils (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fish ponds.....	126
Table (33): Mean Esinoophils (%) of Tilapia (<i>Oreochromis niloticus</i>) as affected by fish weight and water characteristics in different fishponds	127