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SUPPLEMENTARY MATERIAL

Food safety and public health implications by determining the antibiotic residues in animal-derived food commercially available in southern Punjab, Pakistan

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Key words: food safety, antibiotic residue, food chain, food-producing animals, ELISA.

Supplementary Table 1. Determination of penicillin residues in milk and beef samples.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
MLK-19-001	0.781	0.834	0.8075	0.448	44.81	1.02
MLK-19-002	1.473	1.334	1.4035	0.779	77.88	0.184
MLK-19-003	1.178	1.387	1.2825	0.712	71.17	0.26
MLK-19-004	1.496	1.51	1.503	0.834	83.40	0.12
MLK-19-005	1.37	1.437	1.4035	0.779	77.88	0.182
MLK-19-006	1.434	1.358	1.396	0.775	77.46	0.18
MLK-19-007	0.323	0.334	0.3285	0.182	18.23	4.1
MLK-19-008	1.509	1.294	1.4015	0.778	77.77	0.18
MLK-19-009	1.277	1.379	1.328	0.737	73.69	0.24
MLK-19-010	1.27	1.326	1.298	0.720	72.03	0.25
MLK-19-011	0.234	0.302	0.268	0.149	14.87	5.2
MLK-19-012	1.467	1.336	1.4015	0.778	77.77	0.18
MLK-19-013	1.298	1.242	1.27	0.705	70.47	0.27
MLK-19-014	1.141	1.189	1.165	0.647	64.65	0.36
MLK-19-015	1.287	1.126	1.2065	0.670	66.95	0.35
MLK-19-016	0.3	0.453	0.3765	0.209	20.89	4.2
MLK-19-017	1.416	1.269	1.3425	0.745	74.50	0.23
MLK-19-018	1.21	1.38	1.295	0.719	71.86	0.264
MLK-19-019	1.177	1.388	1.2825	0.712	71.17	0.26
MLK-19-020	1.12	0.913	1.0165	0.564	56.41	0.5
BF-19-001	0.412	0.429	0.4205	0.23	23.34	88
BF-19-002	1.703	1.576	1.6395	0.91	90.98	1.36
BF-19-003	1.647	1.42	1.5335	0.85	85.10	2.2
BF-19-004	1.45	1.42	1.435	0.80	79.63	3.6
BF-19-005	1.418	1.485	1.4515	0.81	80.55	3.2
BF-19-006	1.477	1.464	1.4705	0.82	81.60	3.1
BF-19-007	1.38	1.571	1.4755	0.82	81.88	3.0
BF-19-008	1.573	1.446	1.5095	0.84	83.77	2.6
BF-19-009	1.456	1.539	1.4975	0.83	83.10	2.48
BF-19-010	1.325	1.499	1.412	0.78	78.36	3.8
BF-19-011	1.54	1.317	1.4285	0.79	79.27	3.4
BF-19-012	1.569	1.561	1.565	0.87	86.85	1.92
BF-19-013	0.563	0.519	0.541	0.30	30.02	56.8
BF-19-014	1.456	1.431	1.4435	0.80	80.11	3.2
BF-19-015	1.437	1.511	1.474	0.82	81.80	2.8
BF-19-016	1.259	1.198	1.2285	0.68	68.17	6.4
BF-19-017	1.344	1.569	1.4565	0.81	80.83	3.2
BF-19-018	0.973	1.54	1.2565	0.70	69.73	5.80
BF-19-019	0.973	1.536	1.2545	0.70	69.62	5.80
BF-19-020	0.622	0.619	0.6205	0.34	34.43	5.76

O.D, optical density; R.A, relative Absorbance; D.F, dilution factor (for milk 2 and beef 40).

Supplementary Table 2. Determination of tetracycline in chicken and mutton muscles.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
CHK-19-001	0.241	0.261	0.251	0.402	40.22	6.4
CHK -19-002	0.212	0.173	0.193	0.308	30.85	8.4
CHK -19-003	0.044	0.024	0.034	0.054	5.45	126
CHK -19-004	0.229	0.224	0.227	0.363	36.30	6.8
CHK -19-005	0.228	0.202	0.215	0.345	34.46	7.2
CHK -19-006	0.139	0.101	0.120	0.192	19.23	19.6
CHK -19-007	0.211	0.212	0.212	0.339	33.89	7.6
CHK -19-008	0.222	0.241	0.232	0.371	37.10	6.8
CHK -19-009	0.053	0.043	0.048	0.077	7.69	112
CHK -19-010	0.258	0.238	0.248	0.397	39.74	6.4
CHK -19-011	0.117	0.102	0.110	0.175	17.55	20.8
CHK -19-012	0.244	0.277	0.261	0.417	41.75	6.2
CHK -19-013	0.175	0.207	0.191	0.306	30.61	8.4
CHK -19-014	0.149	0.282	0.216	0.345	34.54	7.2
CHK -19-015	0.065	0.087	0.076	0.122	12.18	64
CHK -19-016	0.266	0.298	0.282	0.452	45.19	5.6
CHK -19-017	0.162	0.161	0.162	0.259	25.88	11.2
CHK -19-018	0.196	0.213	0.205	0.328	32.77	7.6
CHK -19-019	0.193	0.134	0.164	0.262	26.20	10.8
CHK -19-020	0.213	0.187	0.200	0.321	32.05	8.4
MTN-19-001	0.533	0.461	0.497	0.796	79.65	2.4
MTN-19-002	0.298	0.499	0.399	0.639	63.86	3.6
MTN-19-003	0.486	0.401	0.444	0.711	71.07	2.96
MTN-19-004	0.478	0.429	0.454	0.727	72.68	2.84
MTN-19-005	0.458	0.462	0.460	0.737	73.72	2.8
MTN-19-006	0.486	0.516	0.501	0.803	80.29	2.4
MTN-19-007	0.503	0.522	0.513	0.821	82.13	2.24
MTN-19-008	0.543	0.51	0.527	0.844	84.38	2.2
MTN-19-009	0.579	0.494	0.537	0.860	85.98	1.92
MTN-19-010	0.531	0.413	0.472	0.756	75.64	2.72
MTN-19-011	0.076	0.077	0.077	0.123	12.26	108
MTN-19-012	0.451	0.407	0.429	0.688	68.75	3.2
MTN-19-013	0.579	0.532	0.556	0.890	89.02	1.72
MTN-19-014	0.504	0.49	0.497	0.796	79.65	2.4
MTN-19-015	0.175	0.118	0.147	0.235	23.48	16.8
MTN-19-016	0.536	0.532	0.534	0.856	85.58	2.2
MTN-19-017	0.463	0.391	0.427	0.684	68.43	3.4
MTN-19-018	0.502	0.616	0.559	0.896	89.58	1.6
MTN-19-019	0.597	0.554	0.576	0.922	92.23	1.44
MTN-19-020	0.632	0.54	0.586	0.939	93.91	1.28

O.D, optical density; R.A, relative absorbance; D.F, dilution factor (D.F 40).

Supplementary Table 3. Determination of tetracycline in fish and beef tissues.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
FSH-19-001	0.35	0.343	0.346	0.555	55.52	4.4
FSH-19-002	0.453	0.460	0.456	0.731	73.15	2.84
FSH-19-003	0.407	0.421	0.414	0.663	66.34	3.4
FSH-19-004	0.418	0.391	0.404	0.648	64.82	3.52
FSH-19-005	0.398	0.318	0.358	0.573	57.37	4.4
FSH-19-006	0.383	0.39	0.386	0.619	61.93	3.68
FSH-19-007	0.307	0.347	0.327	0.524	52.40	4.8
FSH-19-008	0.335	0.439	0.387	0.620	62.02	3.6
FSH-19-009	0.432	0.458	0.445	0.713	71.31	3.0
FSH-19-010	0.362	0.311	0.336	0.539	53.92	6.0
FSH-19-011	0.332	0.359	0.345	0.553	55.36	4.4
FSH-19-012	0.373	0.457	0.415	0.665	66.51	3.4
FSH-19-013	0.394	0.341	0.367	0.588	58.89	4.0
FSH-19-014	0.403	0.381	0.392	0.628	62.82	3.6
FSH-19-015	0.358	0.326	0.342	0.548	54.80	4.4
FSH-19-016	0.473	0.422	0.447	0.717	71.71	3.0
FSH-19-017	0.360	0.342	0.351	0.562	56.25	4.6
FSH-19-018	0.481	0.337	0.409	0.655	65.54	3.36
FSH-19-019	0.310	0.287	0.298	0.478	47.83	5.6
FSH-19-020	0.416	0.353	0.384	0.616	61.61	3.6
BF-19-001	0.332	0.288	0.310	0.497	49.68	5.2
BF-19-002	0.422	0.338	0.380	0.609	60.90	3.8
BF-19-003	0.39	0.315	0.353	0.565	56.49	4.2
BF-19-004	0.045	0.034	0.040	0.063	6.33	108
BF-19-005	0.344	0.363	0.354	0.567	56.65	4.2
BF-19-006	0.365	0.349	0.357	0.572	57.21	4.2
BF-19-007	0.359	0.386	0.373	0.597	59.70	3.76
BF-19-008	0.488	0.297	0.393	0.629	62.90	3.6
BF-19-009	0.314	0.347	0.331	0.530	52.96	4.84
BF-19-010	0.39	0.393	0.392	0.627	62.74	3.64
BF-19-011	0.47	0.402	0.436	0.699	69.87	3.24
BF-19-012	0.202	0.137	0.170	0.272	27.16	10.8
BF-19-013	0.076	0.054	0.065	0.104	10.42	72
BF-19-014	0.461	0.405	0.433	0.694	69.39	3.24
BF-19-015	0.403	0.301	0.352	0.564	56.41	4.2
BF-19-016	0.392	0.38	0.386	0.619	61.86	3.72
BF-19-017	0.021	0.024	0.023	0.036	3.61	148
BF-19-018	0.415	0.446	0.431	0.690	68.99	3.28
BF-19-019	0.034	0.042	0.038	0.061	6.09	124
BF-19-020	0.413	0.371	0.392	0.628	62.82	3.64

O.D, optical density; R.A, relative absorbance; D.F, dilution factor (D.F 40).

Supplementary Table 4. Determination of chloramphenicol residues in bovine milk and beef samples.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
MLK-19-001	1.431	1.428	1.430	0.977	97.68	0.011
MLK-19-002	1.091	1.004	1.048	0.716	71.57	0.08
MLK-19-003	1.504	1.508	1.506	1.029	102.9	0
MLK-19-004	1.232	1.304	1.268	0.866	86.64	0.025
MLK-19-005	1.118	1.009	1.064	0.727	72.67	0.061
MLK-19-006	1.261	1.304	1.283	0.876	87.63	0.023
MLK-19-007	1.965	1.012	1.489	1.017	101.7	0
MLK-19-008	1.542	1.54	1.541	1.053	105.3	0
MLK-19-009	0.887	0.841	0.864	0.590	59.04	0.19
MLK-19-010	1.515	1.574	1.545	1.055	105.5	0
MLK-19-011	1.688	1.304	1.496	1.022	102.2	0
MLK-19-012	1.061	1.125	1.093	0.747	74.68	0.064
MLK-19-013	1.384	1.304	1.344	0.918	91.83	0.016
MLK-19-014	1.415	1.304	1.360	0.929	92.89	0.017
MLK-19-015	1.424	1.608	1.516	1.036	103.6	0
MLK-19-016	1.542	1.601	1.572	1.074	107.4	0
MLK-19-017	1.061	1.304	1.183	0.808	80.80	0.01
MLK-19-018	1.608	1.431	1.520	1.038	103.8	0
MLK-19-019	1.304	1.385	1.345	0.919	91.87	0.019
MLK-19-020	1.145	1.261	1.203	0.822	82.20	0.035
BF-19-001	1.11	1.187	1.149	0.785	78.48	0.045
BF-19-002	1.167	1.239	1.203	0.822	82.20	0.035
BF-19-003	1.039	1.061	1.050	0.717	71.75	0.082
BF-19-004	1.508	1.228	1.368	0.935	93.47	0.016
BF-19-005	1.003	0.989	0.996	0.681	68.06	0.1
BF-19-006	1.13	1.097	1.114	0.761	76.08	0.056
BF-19-007	0.642	0.624	0.633	0.401	40.09	0.37
BF-19-008	1.198	1.214	1.206	0.824	82.41	0.034
BF-19-009	1.467	1.578	1.523	1.040	104.0	0
BF-19-010	1.239	1.201	1.220	0.834	83.36	0.032
BF-19-011	1.304	0.927	1.116	0.762	76.22	0.055
BF-19-012	1.123	0.935	1.029	0.703	70.31	0.085
BF-19-013	1.538	1.506	1.522	1.040	104.0	0
BF-19-014	1.055	1.192	1.124	0.768	76.77	0.054
BF-19-015	1.024	1.565	1.295	0.885	88.45	0.023
BF-19-016	0.767	0.911	0.839	0.573	57.33	0.22
BF-19-017	1.506	1.553	1.530	1.045	104.5	0
BF-19-018	1.512	1.504	1.508	1.030	103.0	0
BF-19-019	1.456	1.531	1.494	1.020	102.0	0
BF-19-020	1.312	1.345	1.329	0.908	90.78	0.018

O.D, optical density; R.A, relative absorbance; D.F, dilution factor (D.F 40).

Supplementary Table 5. Determination of quinolones in chicken and mutton tissue.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
CHK-19-001	1.962	1.980	1.971	0.840	84.03	39
CHK -19-002	2.395	2.304	2.395	1.001	100	0
CHK -19-003	1.799	1.572	1.6855	0.718	71.86	60
CHK -19-004	1.848	1.855	1.851	0.789	78.94	50
CHK -19-005	1.988	1.915	1.951	0.832	83.20	40
CHK -19-006	1.713	1.649	1.681	0.716	71.67	60
CHK -19-007	1.737	1.677	1.707	0.727	72.78	58
CHK -19-008	1.968	1.886	1.927	0.821	82.15	43
CHK -19-009	1.021	1.046	1.033	0.441	44.06	140
CHK -19-010	2.012	2.074	2.043	0.871	87.10	34
CHK -19-011	1.691	1.836	1.763	0.751	75.18	52
CHK -19-012	1.981	1.636	1.808	0.771	77.11	50
CHK -19-013	1.612	1.659	1.635	0.697	69.73	65
CHK -19-014	1.955	2.017	1.986	0.846	84.67	37
CHK -19-015	1.912	1.988	1.950	0.831	83.14	40
CHK -19-016	1.779	1.832	1.805	0.769	76.97	50
CHK -19-017	2.210	2.254	2.232	0.951	95.16	18
CHK -19-018	2.291	2.642	2.466	1.051	100	0
CHK -19-019	0.836	0.752	0.794	0.338	33.85	230
CHK -19-020	1.940	1.379	1.659	0.707	70.75	61
MTN-19-001	2.790	2.039	2.414	1.029	100	0
MTN-19-002	2.507	2.603	2.555	1.089	100	0
MTN-19-003	2.318	1.664	1.991	0.848	84.88	36
MTN-19-004	1.135	2.290	1.712	0.730	73.01	58
MTN-19-005	2.502	2.208	2.355	1.004	100	0
MTN-19-006	2.061	1.871	1.966	0.838	83.82	40
MTN-19-007	2.297	1.769	2.033	0.866	86.67	34
MTN-19-008	1.744	1.801	1.772	0.755	75.57	51
MTN-19-009	2.241	2.509	2.375	1.012	100	0
MTN-19-010	2.601	1.943	2.272	0.968	96.86	14
MTN-19-011	1.350	1.316	1.333	0.568	56.83	100
MTN-19-012	1.886	1.912	1.899	0.809	80.96	44
MTN-19-013	2.241	2.193	2.217	0.945	94.52	19
MTN-19-014	2.353	1.813	2.083	0.888	88.80	31
MTN-19-015	1.852	1.732	1.792	0.764	76.40	50
MTN-19-016	1.612	1.620	1.616	0.688	68.89	67
MTN-19-017	2.015	2.715	2.365	1.008	100	0
MTN-19-018	0.482	0.498	0.490	0.208	20.89	520
MTN-19-019	0.725	0.751	0.738	0.314	31.46	210
MTN-19-020	1.939	2.324	2.131	0.908	90.87	26

O.D, optical density; R.A, relative absorbance; D.F, dilution factor (D.F 10).

Supplementary Table 6. Determination of Nitrofuran metabolite (3-amino-2-oxazolidinone) in fish and chicken meat.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
FSH-19-001	0.266	0.264	0.265	0.538	53.86	0.20
FSH-19-002	0.298	0.305	0.301	0.612	61.28	0.168
FSH-19-003	0.391	0.430	0.4105	0.834	83.43	0.10
FSH-19-004	0.270	0.278	0.274	0.556	55.69	0.184
FSH-19-005	0.426	0.414	0.420	0.853	85.36	0.096
FSH-19-006	0.411	0.400	0.405	0.824	82.41	0.10
FSH-19-007	0.421	0.449	0.435	0.884	88.41	0.08
FSH-19-008	0.416	0.439	0.427	0.868	86.89	0.084
FSH-19-009	0.433	0.406	0.419	0.852	85.26	0.096
FSH-19-010	0.403	0.448	0.425	0.864	86.48	0.084
FSH-19-011	0.374	0.414	0.394	0.801	80.08	0.104
FSH-19-012	0.448	0.428	0.438	0.890	89.02	0.076
FSH-19-013	0.341	0.329	0.335	0.681	68.08	0.144
FSH-19-014	0.402	0.458	0.430	0.873	87.39	0.084
FSH-19-015	0.498	0.494	0.496	1.008	100.8	0
FSH-19-016	0.552	0.518	0.535	1.087	108.7	0
FSH-19-017	0.454	0.457	0.455	0.925	92.58	0.068
FSH-19-018	0.444	0.474	0.459	0.932	93.29	0.064
FSH-19-019	0.440	0.431	0.435	0.885	88.51	0.08
FSH-19-020	0.550	0.501	0.525	1.068	106.8	0
CHK-19-001	0.181	0.195	0.188	0.382	38.21	0.32
CHK -19-002	0.137	0.135	0.136	0.276	27.64	0.44
CHK -19-003	0.134	0.132	0.133	0.270	27.03	0.47
CHK -19-004	0.183	0.167	0.175	0.355	35.56	0.34
CHK -19-005	0.159	0.160	0.159	0.324	32.41	0.38
CHK -19-006	0.124	0.122	0.123	0.250	25.00	0.48
CHK -19-007	0.212	0.228	0.220	0.447	44.71	0.248
CHK -19-008	0.173	0.199	0.186	0.378	37.80	0.32
CHK -19-009	0.128	0.130	0.129	0.262	26.21	0.48
CHK -19-010	0.185	0.180	0.1825	0.370	37.09	0.34
CHK -19-011	0.076	0.062	0.069	0.140	14.02	**1.96**
CHK -19-012	0.125	0.171	0.148	0.301	30.08	0.44
CHK -19-013	0.197	0.179	0.188	0.382	38.21	0.316
CHK -19-014	0.148	0.133	0.140	0.285	28.55	0.44
CHK -19-015	0.107	0.101	0.104	0.211	21.13	**0.60**
CHK -19-016	0.118	0.124	0.121	0.245	24.59	0.48
CHK -19-017	0.146	0.151	0.148	0.301	30.18	0.40
CHK -19-018	0.228	0.268	0.248	0.504	50.40	0.204
CHK -19-019	0.203	0.258	0.230	0.468	46.84	0.24
CHK -19-020	0.126	0.131	0.128	0.261	26.11	0.48

O.D, optical density; R.A, relative absorbance; D.F, dilution factor (D.F 4); N.D, not detected.

Supplementary Table 7. Determination of nitrofurans metabolite (5-morpholinomethyl-3-amino-2-oxazolidone) in fish and chicken meat.

Sample ID	R_1	R_2	Mean O.D	B/B_0	R.A (%)	Final Conc. (ppb)
FSH-19-001	0.361	0.355	0.358	0.936	93.59	0.034
FSH-19-002	0.373	0.369	0.371	0.970	96.99	0.02
FSH-19-003	0.104	0.101	0.103	0.268	26.80	1.08
FSH-19-004	0.39	0.376	0.383	1.001	100.1	0
FSH-19-005	0.372	0.364	0.368	0.962	96.21	0.01
FSH-19-006	0.367	0.361	0.364	0.952	95.16	0.01
FSH-19-007	0.371	0.352	0.362	0.945	94.51	0.03
FSH-19-008	0.399	0.401	0.400	1.046	104.6	0
FSH-19-009	0.376	0.363	0.370	0.966	96.60	0.01
FSH-19-010	0.384	0.371	0.378	0.987	98.69	0
FSH-19-011	0.308	0.34	0.324	0.847	84.71	0.058
FSH-19-012	0.215	0.211	0.213	0.557	55.69	0.2
FSH-19-013	0.343	0.332	0.338	0.882	88.24	0.046
FSH-19-014	0.348	0.334	0.341	0.892	89.15	0.046
FSH-19-015	0.383	0.403	0.393	1.027	102.7	0
FSH-19-016	0.267	0.416	0.342	0.893	89.28	0.046
FSH-19-017	0.35	0.355	0.353	0.922	92.16	0.038
FSH-19-018	0.38	0.371	0.376	0.982	98.17	0
FSH-19-019	0.439	0.336	0.388	1.013	101.3	0
FSH-19-020	0.227	0.268	0.248	0.647	64.71	0.36
CHK-19-001	0.385	0.381	0.383	1.001	100.1	0
CHK -19-002	0.375	0.364	0.370	0.966	96.60	0.01
CHK -19-003	0.403	0.383	0.393	1.027	102.7	0
CHK -19-004	0.423	0.395	0.409	1.069	106.9	0
CHK -19-005	0.369	0.366	0.368	0.961	96.08	0.01
CHK -19-006	0.378	0.36	0.369	0.965	96.47	0.01
CHK -19-007	0.415	0.391	0.403	1.054	105.4	0
CHK -19-008	0.214	0.286	0.250	0.654	65.36	0.36
CHK -19-009	0.11	0.1	0.105	0.275	27.45	1.02
CHK -19-010	0.38	0.407	0.394	1.029	102.9	0
CHK -19-011	0.386	0.352	0.369	0.965	96.47	0
CHK -19-012	0.355	0.336	0.346	0.903	90.33	0.042
CHK -19-013	0.41	0.361	0.386	1.008	100.8	0
CHK -19-014	0.376	0.382	0.379	0.991	99.08	0
CHK -19-015	0.375	0.378	0.377	0.984	98.43	0
CHK -19-016	0.344	0.381	0.363	0.948	94.77	0.03
CHK -19-017	0.378	0.366	0.372	0.973	97.25	0.01
CHK -19-018	0.396	0.415	0.406	1.060	106.0	0
CHK -19-019	0.386	0.287	0.337	0.880	87.97	0.05
CHK -19-020	0.35	0.378	0.364	0.952	95.16	0.016

O.D, optical density; R.A, relative absorbance; D.F, dilution factor (D.F 2); N.D, not detected.

Supplementary Table 8. Antibiotic residues in different food matrices.

Drug residues	Type of samples	No. of samples	Samples with residues above MRL/$^{1/2}$MRPL (%)	Negative samples (%)	*Max. concentration (ng/g)
Penicillin	Milk	20	3 (15)	17 (85)	5.20 ± 0.12
	Beef	20	2 (10)	18 (90)	88.0 ± 2.32
Tetracycline	Chicken	20	2 (10)	18 (90)	126 ± 3.95
	Mutton	20	1 (5)	19 (95)	108 ± 4.96
	Fish	20	Nil	20 (100)	6.00 ± 1.22
	Beef	20	3 (15)	17 (85)	148 ± 5.45
Quinolones	Chicken	20	2 (10)	18 (90)	230 ± 7.61
	Mutton	20	3 (15)	17 (85)	520 ± 11.2
CAP	Milk	20	1 (5)	19 (95)	0.19 ± 0.01
	Beef	20	2 (10)	18 (90)	0.37 ± 0.02
AOZ	Fish	20	Nil	20 (100)	0.20 ± 0.02
	Chicken	20	2 (10)	18 (90)	1.96 ± 0.18
AMOZ	Fish	20	1 (5)	19 (95)	1.08 ± 0.01
	Chicken	20	1(5)	19 (95)	1.02 ± 0.01

MRL, maximum residue limit; MRPL, minimum required performance limit; AOZ, 3-amino-2-oxazolidinone; AMOZ, 5-morpholinomethyl-3-amino-2-oxazolidone; CAP, chloramphenicol.