

DETAILS OF TEST PARAMETERS

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RESIDUE PLAN FOR AQUACULTURE FINFISH

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Name of Group	Name of Test Parameters with symbol	Compound or Marker Residue	Matrix Analysed	Screening Method	Vailadated (Y/N)	Confirmatory Method	Vailadated (Y/N)	Screening Method Detection Limit (µg/kg)	Confirmatory Method Detection Limit (µg/kg)	National MRL (if applicable) (µg/kg)	EU MRL (if applicable) (µg/kg)	Level of Action (ie concentration above which a result is deemed non complianced)µg/kg	Name of Laboratory
A	A1c (Steroides with androgenic ,estrogenic or progestagenic activity)	Methyltestosterone	Muscle	ELISA	Y			0.75	Screening +ve will be regarded Confirmed +ve			1	QC Lab. CTG
	A2a (Chloramphenicol)	Chloramphenicol	Muscle	ELISA	Y	LC-MS-MS	Y	0.075	0.08		0.15	0.15	QC Lab. CTG/ Dha/Kin
	A2b (Nitrofurans)	AOZ	Muscle	ELISA	Y	LC-MS-MS	Y	0.45	0.19		0.5	0.5	QC Lab. CTG/ Dha/Kin
		AMAZ	Muscle	ELISA	Y	LC-MS-MS	Y	0.45	0.32		0.5	0.5	QC Lab. CTG/ Dha/Kin
		AHD	Muscle	ELISA	Y	LC-MS-MS	Y	0.45	0.26		0.5	0.5	QC Lab. CTG/ Dha/Kin
		SEM	Muscle	ELISA	Y	LC-MS-MS	Y	0.45	0.34		0.5	0.5	QC Lab. CTG/ Dha/Kin
	A2c (Nitroimidazoles)	Metronidazole (A2c)	Muscle	ELISA	Y	LC-MS-MS	Y	1.5	0.2			0.2	QC Lab. CTG/ Dha/Kin
		Dimetronidazole (A2c-D)	Muscle	ELISA	Y			1.5				1.5	QC Lab. CTG/ Dha
	A3a (Dyes	Melachite Green	Muscle	ELISA	Y	LC-MS-MS	Y	0.5	0.32		0.5	0.5	QC Lab. CTG/ Dha/Kin
		Leuco Melachite Green	Muscle	ELISA	Y	LC-MS-MS	Y	0.5	0.22		0.5	0.5	QC Lab. CTG/ Dha/Kin
		Crystal Violet	Muscle	ELISA	Y	LC-MS-MS	Y	0.5	0.45		0.45	0.45	QC Lab. CTG/ Dha/Kin
		Leuco Crystal Violet	Muscle	ELISA	Y	LC-MS-MS	Y	0.5	0.25		0.25	0.25	QC Lab. CTG/ Dha/Kin
B	B1a	Tetracyclines (B1a-Te)	Muscle	ELISA	Y	LC-MS-MS	Y	50	105.63		100	100	QC Lab. CTG/ Kin
		Oxytetracyclines (B1a-Te)	Muscle	ELISA	Y	LC-MS-MS	Y	50	105.8		100	100	QC Lab. CTG/ Kin
		Chlortetracyclines (B1a-Te)	Muscle	ELISA	Y	LC-MS-MS	Y	50	105.5		100	100	QC Lab. CTG/ Kin
		Amoxicillin (B1a-A)	Muscle	ELISA	Y	LC-MS-MS	Y	25	12.92		50	50	QC Lab. CTG/ Dha/Kin
		Gentamycin (B1a-G)	Muscle	ELISA	Y	LC-MS-MS	Y	25	50		50	50	QC Lab. CTG/ Dha/Kin
		Sulfonamides(B1a-S)	Muscle	ELISA	Y	LC-MS-MS	Y	50	30		100	100	QC Lab. CTG/ Dha/Kin
		Tylosine (B1a-Ty)	Muscle	ELISA	Y	LC-MS-MS	Y	50	23.27		100	100	QC Lab. CTG/ Dha/Kin
	B1b (Insecticides, Fungicides, Anthelmintics and others Antiparasitic agents)	Fenbendazole	Muscle			LC-MS-MS	Y		0.54		Not Set	0.54	QC Lab. Dhaka
		Mebendazole	Muscle			LC-MS-MS	Y		0.53		Not Set	0.53	QC Lab. Dhaka
Pesticides	Organochlorinated Compounds	DDT	Muscle	GC-ECD	Y	GC-ECD	Y	9				10	BARI Lab.Gazipur
		Aldrin	Muscle	GC-ECD	Y	GC-ECD	Y	4				10	BARI Lab.Gazipur
		Heptachlor	Muscle	GC-ECD	Y	GC-ECD	Y	5				10	BARI Lab.Gazipur
		Endrin	Muscle	GC-ECD	Y	GC-ECD	Y	7				10	BARI Lab.Gazipur
		Dieldrin	Muscle	GC-ECD	Y	GC-ECD	Y	3				10	BARI Lab.Gazipur
	Organophosphate Compounds	Acephate	Muscle	GC-ECD	Y	GC-ECD	Y	10				10	BARI Lab.Gazipur
		Chlorpyrifos	Muscle	GC-ECD	Y	GC-ECD	Y	10				10	BARI Lab.Gazipur
		Dimethoate	Muscle	GC-ECD	Y	GC-ECD	Y	10				10	BARI Lab.Gazipur
		Fenitrothion	Muscle	GC-ECD	Y	GC-ECD	Y	10				10	BARI Lab.Gazipur
		Quinalphos	Muscle	GC-ECD	Y	GC-ECD	Y	10				10	BARI Lab.Gazipur
	Pyrethroids (Cypermethrin)	Cypermethrin	Muscle	GC-ECD	Y	GC-ECD	Y	10				10	BARI Lab.Gazipur
Contaminants	Metals	Arsenic	Muscle			AAS/ICP-MS	Y		820	5000		5000	QC Lab. Dhaka
		Cadmium	Muscle			AAS/ICP-MS	Y		70	50	50/100	50	QC Lab. Dhaka
		Chromium	Muscle			AAS/ICP-MS	Y		380	1000		1000	QC Lab. Dhaka
		Lead	Muscle			AAS/ICP-MS	Y		100	300	300	300	QC Lab. Dhaka
		Mercury	Muscle			AAS/ICP-MS	Y		60	500	500	500	QC Lab. Dhaka

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