

Laboratory **Laboratories of College of Veterinary and Animal Sciences, KVASU,
Mannuthy, Thrissur, Kerala**

Accreditation Standard **ISO/IEC 17025: 2005**

Certificate Number **TC-7356**

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Validity **06.06.2018 to 05.06.2020**

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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BIOLOGICAL TESTING

I.	WATER			
1.	Drinking Water	Determination of E. coli in Drinking water by MPN	APHA 23rd Edn 9221G:2017	Qualitative (Presence or Absence) (<1.8 to>1600)/100 ml
		Determination of E. coli in ground water by MPN	APHA 23 rd Edn 9221G:2017	Qualitative (Presence or Absence) (<1.8 to>1600)/100 ml
		Determination of E. coli in water for processed food industry by MPN	APHA 23rd Edition 9221G:2017	Qualitative (Presence or Absence) (<1.8 to>1600)/100 ml
2.	Ground Water	Determination of Coliform in Drinking water by MPN	APHA 23 rd Edition 9221B:2017	(<1.8 to>1600)/100 ml
		Determination of Coliform in ground water by MPN	APHA 23 rd Edition 9221B:2017	(<1.8 to>1600)/100 ml
		Determination of Coliform in water for processed food industry by MPN	APHA 23 rd Edition 9221B:2017	(<1.8 to>1600)/100 ml
3.	Water for Processed Food Industry	Determination of Enterococci(feacal Streptococci) in Drinking water by MPN	APHA 23 rd Edition 9230B:2017	Qualitative (Presence or Absence) (<1.8 to>1600)/100 ml
		Determination of Enterococci(feacal Streptococci) in ground water by MPN	APHA 23 rd Edition 9230B:2017	Qualitative (Presence or Absence) (<1.8 to>1600)/100 ml

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		Determination of Enterococci (feecal Streptococci) in water for processed food industry by MPN	APHA 23 rd Edition 9230B:2017	Qualitative (Presence or Absence) (<1.8 to>1600)/100 ml
4.	Serum Samples (Veterinary)	Determination of Triiodothyronine using Radioimmuno assay method	BARC Method NABL/MTY/CIL/SOP/02, 03.06.2018	0.11 ng/ml to 4.8 ng/ml, LOD-0.22ng/ml
		Determination of Thyroxine using Radioimmuno assay method	BARC Method NABL/MTY/CIL/SOP/02 03.06.2018	4 ng/ml to 24 0ng/ml, LOD-8ng/ml

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CHEMICAL TESTING

I.	ANIMAL FOOD & FEEDS			
1.	Animal Feed	Determination of moisture	AOAC 934.01 AOAC official methods of analysis 2016 20 th edn DOC/SOP/AN/CHEM 01 03.06.2018	2 to 90 per cent
		Determination of ash	AOAC 942.05 AOAC official methods of analysis 2016 20 th edn DOC/SOP/AN/CHEM 01 03.06.2018	1 to 25 per cent
		Determination of acid insoluble ash	AOAC 941.12 AOAC official methods of analysis 2016 20 th edn DOC/SOP/AN/CHEM 01 03.06.2018	0.5 to 15 per cent

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