National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL MILITARY VETERINARY LABORATORY (CMVL), SARDHANA ROAD, MEERUT CANTT, MEERUT, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 29/01/2022 to 28/01/2024 **Last Amended on** 15/02/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- ANIMAL FOOD & FEED	ANIMAL FEED & FODDER SAMPLES	ESTIMATION OF MICROBIAL LOAD	SOP/BACT/16 Review No. 04
2	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	DIFFERENTIAL LEUCOCYTE COUNT (DLC); (NEUTROPHIL, LYMPHOCYTE, MONOCYTE, EOSINOPHIL & BASOPHIL)	SOP/HEMATO/08 Review No.7 (MANUAL METHOD)
3	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	DIFFERENTIAL LEUCOCYTE COUNT(DLC) (NEUTROPHIL, LYMPHOCYTE, MONOCYTE, EOSINOPHIL & BASOPHIL) BY FULLY AUTOMATED HEMATOLOGY ANALYSER	SOP/HEMATO/10 Review No.7
4	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	ERYTHROCYTE SEDIMENTATION RATE	SOP/HEMATO/07 Review No.7 (MANUAL ESTIMATION BY WESTERGREN METHOD)
5	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	HEMATOCRIT (PCV)	SOP/HEMATO/03 Review No.7 (MANUAL ESTIMATION BY MICROHEMATOCRIT CAPILLARY METHOD)
6	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	HEMATOCRIT (PCV) ESTIMATION	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
7	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	HEMOGLOBIN	SOP/HEMATO/02 Review No.7 (MANUAL ESTIMATION BY CYANOMETHAEMOGLOBIN METHOD)
8	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	HEMOGLOBIN (HB) ESTIMATION	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
9	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	MEAN CORPUSCULAR HEMOGLOBIN (MCH) ESTIMATION	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
10	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	MEAN CORPUSCULAR HEMOGLOBIN CONCENTRATION (MCHC) ESTIMATION	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
11	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	MEAN CORPUSCULAR VOLUME (MCV) ESTIMATION	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)

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12	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	TOTAL LEUCOCYTE COUNT (TLC)	SOP/HEMATO/04 Review No.7 (MANUAL ESTIMATION BY NEUBAUER CHAMBER METHOD)
13	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	TOTAL LEUCOCYTE COUNT (TLC)	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
14	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	TOTAL PLATELET COUNT	SOP/HEMATO/06 Review No.7 (MANUAL ESTIMATION BY NEUBAUER CHAMBER METHOD)
15	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	TOTAL RED BLOOD CELL COUNT (TRBC)	SOP/HEMATO/05 Review No.7 (MANUAL ESTIMATION BY NEUBAUER CHAMBER METHOD)
16	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	TOTAL RED BLOOD CELL COUNT (TRBC)	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
17	BIOLOGICAL- VETERINARY TESTING	BLOOD (EQUINES, CANINES & BOVINES)	TOTAL THROMBOCYTES COUNT	SOP/HEMATO/10 Review No.7 (BY FULLY AUTOMATED HEMATOLOGY ANALYZER)
18	BIOLOGICAL- VETERINARY TESTING	BLOOD SMEARS FROM EQUINES, CANINES & BOVINES	MICROSCOPIC EXAMINATION OF STAINED BLOOD SMEAR FOR BLOOD PARASITES (BABESIA spp, TRYPANOSOMA spp, EHRLICHIA spp & HEPATOZOON spp)	SOP/PARASITO/03 Review No.7
19	BIOLOGICAL- VETERINARY TESTING	BRAIN TISSUE (ANIMALS) IN 50 % GLYCEROL SALINE	NEGRI BODIES	SOP/PATHO/02 Review No.7
20	BIOLOGICAL- VETERINARY TESTING	BRAIN TISSUE (ANIMALS) ON ICE/ IN 50 % GLYCEROL SALINE	RABIES VIRUS	SOP/VIRO/11 Review No.5 (RAPID DETECTION BY ANTIGEN DETECTION KIT)
21	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES & EQUINES)	VIRUS ISOLATION AND CONFIRMATION IN ANIMAL CELL CULTURE SYSTEM	SOP/VIRO/01 Review No.4
22	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES)	CANINE ADENO VIRUS AND CANINE DISTEMPER VIRUS	SOP/VIRO/08 Review No.5 (BY RAPID ANTIGEN DETECTION KITS)
23	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES)	CANINE ADENO VIRUS-1 (CAV-1)	SOP/BIOTECH/04 Review No.4 (PCR TEST FOR DETECTION)
24	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES)	CANINE ADENO VIRUS-2 (CAV-2)	SOP/BIOTECH/05 Review No.4 (PCR TEST FOR DETECTION)

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25	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES)	CANINE PARVO VIRUS	SOP/BIOTECH/01 Review No.4 (PCR TEST FOR DETECTION)
26	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES)	CANINE PARVO VIRUS AND CANINE CORONA VIRUS	SOP/VIRO/09 Review No.5 (BY RAPID ANTIGEN DETECTION KITS)
27	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS (CANINES)	HAEMAGGLUTINATION (HA) TEST FOR CANINE PARVO VIRUS (CPV) ANTIGEN DETECTION	SOP/VIRO/02 Review No.4
28	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS FROM DISEASED ANIMALS	CULTURE AND IDENTIFICATION OF PATHOGENIC BACTERIA	SOP/BACT/02 Review No.4
29	BIOLOGICAL- VETERINARY TESTING	CLINICAL SPECIMENS FROM EQUINES	DETECTION OF EQUINE HERPES VIRUS-1 (EHV-1)	SOP/BIOTECH/03 Review No.4 (PCR Test)
30	BIOLOGICAL- VETERINARY TESTING	FEACAL SAMPLES FROM EQUINES, CANINES & BOVINES	PARASITE/OVA	SOP/PARASITO/02 Review No.7
31	BIOLOGICAL- VETERINARY TESTING	MICROBIAL ISOLATES FROM CLINICAL SPECIMENS FROM DISEASED ANIMALS	ANTIBIOTIC SENSITIVITY TEST	SOP/BACT/15 Review No.5
32	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-ALP	SOP/BIOCHEM/05 Review No.04
33	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-BUN	SOP/BIOCHEM/06 Review No.04
34	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-CALCIUM	SOP/BIOCHEM/09 Review No.04
35	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-CHOLESTEROL	SOP/BIOCHEM/08 Review No.04
36	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-GLOBULIN	SOP/BIOCHEM/01 Review No.04
37	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-MAGNESIUM	SOP/BIOCHEM/11 Review No.04
38	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-PHOSPHORUS	SOP/BIOCHEM/10 Review No.04
39	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE- AST (SGOT)	SOP BIOCHEM 02 REVIEW NUMBER 4
40	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-ALBUMIN	SOP/BIOCHEM/01 Review No.04
41	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-ALT (SGPT)	SOP/BIOCHEM/03 Review No.04
42	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINE, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-TOTAL BILIRUBIN	SOP/BIOCHEM/04 Review No.04

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43	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINES, EQUINES & CANINES)	BIOCHEMICAL PROFILE-TOTAL PROTEIN (TP)	SOP/BIOCHEM/12 Review No.04
44	BIOLOGICAL- VETERINARY TESTING	SERUM (BOVINES, EQUINES AND CANINES)	BIOCHEMICAL PROFILE-CREATININE	SOP/BIOCHEM/07 Review No.04
45	BIOLOGICAL- VETERINARY TESTING	SERUM (CANINES)	HAEMAGGLUTINATION INHIBITION (HI) TEST FOR CANINE PARVO VIRUS ANTIBODY DETECTION	SOP/VIRO/03 Review No.4
46	BIOLOGICAL- VETERINARY TESTING	SERUM (CANINES)	Immunocomb 'PCR test to detect antibodies against CPV	SOP/SERO/06 Review No.04
47	BIOLOGICAL- VETERINARY TESTING	SERUM (CANINES)	Immunocomb 'Ready to Use' test to detect antibodies against CPV, CDV & ICH	SOP/SERO/07 Review No.4
48	BIOLOGICAL- VETERINARY TESTING	SERUM (CANINES)	IMMUNOCOMB 'READY TO USE' TEST TO DETECT ANTIBODIES AGAINST LEPTOSPIROSIS	SOP/SERO/05 Review No.4
49	BIOLOGICAL- VETERINARY TESTING	SERUM (EQUINES)	COGGINS TEST FOR DETECTION OF EQUINE INFECTIOUS ANEMIA	SOP/VIRO/07 Review No.5
50	BIOLOGICAL- VETERINARY TESTING	SERUM (EQUINES)	COMPLEMENT FIXATION TEST FOR GLANDERS	SOP/SERO/04 Review No.5
51	BIOLOGICAL- VETERINARY TESTING	SKIN SCRAPING FROM CANINES, BOVINES & EQUINES	MICROSCOPIC EXAMINATION FOR MITE INFESTATION	SOP/PARASITO/04Review No.07
52	BIOLOGICAL- VETERINARY TESTING	TISSUE (ANIMALS - postmortem and ante-mortem)	HISTOPATHOLOGICAL EXAMINATION	SOP/PATHO/01 Review No.11
53	BIOLOGICAL- VETERINARY TESTING	URINE (BOVINES, EQUINES & CANINES)	GLUCOSE, BILIRUBIN, KETONE, SPECIFIC GRAVITY, PROTEIN, BLOOD, pH & UROBILINOGEN	SOP/BIOCHEM/18 Review No.04 (STRIP METHOD)
54	BIOLOGICAL- VETERINARY TESTING	URINE (BOVINES, EQUINES & CANINES)	GLUCOSE, BILIRUBIN, KETONE, SPECIFIC GRAVITY, PROTEIN, BLOOD, pH & UROBILINOGEN	SOP/BIOCHEM/19 Review No.04

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55	BIOLOGICAL- VETERINARY TESTING	URINE (BOVINES, EQUINES & CANINES)	MICROSCOPIC EXAM OF URINE (SQ EPITHETIAL CELLS, TRASITIONAL EPITHETIAL CELLS, ERYTHROCYTES, LEUCOCYTES OR PUS CELLS, CASTS(HYALINE, GRANULAR, EPITHELIAL, WAXY, FATTY, BLOOD AND LEUCOCYTES), MUCUS AND MUCUS THREADS AND MICRO-ORGANISMS(BACTERIA, YEAST, FUNGI, PROTOZOA), PARASITES AND SPERMATOZOA)	SOP/BIOCHEM/20 Review No.03
56	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED & FODDER	DRY MATTER (CALCULATED)	SOP/NUTRI/02 Review No. 03
57	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED AND FODDER	ACID INSOLUBLE ASH	SOP/NUTRI/08 Revision No.3
58	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED AND FODDER	CRUDE FAT	SOP/NUTRI/04 Revision No.3
59	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED AND FODDER	CRUDE FIBER	SOP/NUTRI/05/06 Revision No.3
60	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED AND FODDER	CRUDE PROTEIN	SOP/NUTRI/03 Revision No.4
61	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED AND FODDER	MOISTURE%	SOP/NUTRI/02 Revision No.3
62	CHEMICAL- ANIMAL FOOD & FEEDS	ANIMAL FEED AND FODDER	TOTAL ASH	SOP/NUTRI/07 Revision No.3