

AERSSC

Laboratory: Nepal Research foundation, Analytical Service Division,
Om Ashram, Birgunj, Nepal

Discipline: Chemical Testing Issue Date: 09/06/2014

Certificate Number : CT-001 Expiry Date: 08/06/2017

Page 1 of 3

S.N.	Product/Material	Parameter	Test method
1	a. Albendazole Tablets IP b. Amlodipine Besilate Tablets IP a. Atorvastatine calcium Tablets IP b. Alprazolam Tablets IP c. Cefixime Trihydrate Tablets USP d. Cefixime Trihydrate tablets IP e. Clonazepam Tablets USP f. Fexofenadine HCI tablets IP g. Clopidogrel Bisulphate Tablets IP h. Gliclazide Tablets IP i. Glimipride Tablets IP j. Hydrochlorthiazide & Losartan Potassium Tablets IP k. Metformin HCI tablets	Description Identification By IR Identification by HPLC Weight Variation Test Diameter Length Width Thickness Hardness Test Friability Test Disintegration Time Water content	IP 2010 USP2011

AERSSC

Laboratory: Nepal Research foundation, Analytical Service Division,
Om Ashram, Birgunj, Nepal

Discipline: Chemical Testing Issue Date: 09/06/2014

Certificate Number : CT-001 Expiry Date: 08/06/2017

Page 2 of 3

2	a. Albendazole Tablets IP	Assay by UV Spectrometer	IP2010
	b. Amlodipine Besilate Tablets IP	Uniformity of Content Dissolution Assay by HPLC	IP2011
	c. Atorvastatine calcium Tablets IP	Dissolution Assay by HPLC	IP2010
	d. Alprazolam Tablets IP	Dissolution Uniformity of content	IP2010
	e. Cefixime Trihydrate Tablets USP	Dissolution Assay by HPLC	USP 2011
	f. Cefixime Trihydrate tablets IP	Dissolution Assay by HPLC	IP 2010
	g. Clonazepam Tablets USP	Dissolution Assay by HPLC	USP 2011
	h. Clonazepam Tablets IP	Dissolution Assay by HPLC Uniformity of content	IP 2011
	i. Fexofenadine HCl tablets IP	Assay by HPLC	IP 2010
	j. Clopidogrel Bisulphate Tablets IP	Dissolution Uniformity of content	
	k. Gliclazide Tablets IP	Dissolution	IP 2010

	<p>l. Glimipride Tablets IP</p> <p>m. Hydrochlorthiazide & Losartan Potassium Tablets IP</p> <p>n. Metformin HCl tablets</p> <p>o. Pioglitazone HCl Tablets IP</p> <p>p. Rosuvastatine Calcium Tablets IP</p> <p>q. Telmisartan Tablets IP</p>	<p>Dissolution</p> <p>Dissolution Assay by HPLC Uniformity of content</p> <p>Dissolution Assay by UV Spectrophotometer</p> <p>Dissolution Assay by HPLC Dissolution Assay by HPLC Uniformity of content</p> <p>Dissolution Assay by HPLC</p>	<p>IP 2010</p> <p>IP 2010</p> <p>IP 2010</p> <p>IP 2010</p> <p>IP 2010</p> <p>IP 2010</p>
3	Water	<p>Estimation of Manganese</p> <p>Estimation of Nitrogen</p> <p>pH</p> <p>Specific Gravity</p>	<p>AOAC 2005 Rev.4, 2011, 920.202 & 920.203</p> <p>AOAC 2005 Rev.4, 2011, 973.49</p> <p>AOAC 2005 Rev.4, 2011, 973.41</p> <p>AOAC 2005 Rev.4, 2011, 955.37</p>



Laboratory: Samyak Diagnostic Pvt. Ltd.
Jawalakhel, Lalitpur, Nepal

Discipline: Clinical Pathology, Clinical Biochemistry,
Immunology and Haematology

Issue Date: 09/06/2015

Expiry Date: 08/06/2018

Certificate Number:- MSL-001

Annexure: Scope

The clinical laboratories under the scope of AERSSC accreditation (ISO 15189:2012) are:

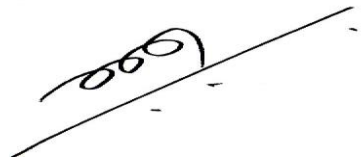
SI No.	Type of Task	Materials/ Products	Task Name	Standard Method
1	Biochemistry	Serum	Albumin	Bromocresol Green
2	Biochemistry	Serum	ALT	Tris buffer without P5P 37°C
3	Biochemistry	Serum	Amylase	PNP G7 37°C
4	Biochemistry	Serum	AST	Tris buffer without P5P 37°C
5	Biochemistry	Serum	Calcium	Arsenazo III
6	Biochemistry	Serum	HDL	Direct Clearance
7	Biochemistry	Serum	LDL	Calculative
8	Biochemistry	Serum	Cholesterol	Oxidase
9	Biochemistry	Serum	CK	CK-NAC IFCC 37°C
10	Biochemistry	Serum	Creatinine	Alkaline picrate
11	Biochemistry	Serum	GGT	GG3-Carboxy-4-nitroanilide (IFCC) 37°C

SI No.	Type of Task	Materials/	Task Name	Standard Method
12	Biochemistry	Serum	Glucose	GOD-PAP
13	Biochemistry	Serum	Iron	Colorimetric without ppt.
14	Biochemistry	Serum	LDH	L-P IFCC 37°C
15	Biochemistry	Serum	Magnesium	Xylidyl blue
16	Biochemistry	Serum	Phosphorous	DEA buffer 37°C
17	Biochemistry	Serum	Potassium	ISE
18	Biochemistry	Serum	Total protein	Biuret reaction endpoint
19	Biochemistry	Serum	Sodium	ISE
20	Biochemistry	Serum	Triglyceride	Lipase/GPO-PAP
21	Biochemistry	Serum	Urea	Urease kinetic
22	Biochemistry	Serum	Uric acid	Enzymatic colorimetric
23	Biochemistry	Serum	ALP	DEA buffer 37°C
24	Biochemistry	Serum	Total Bilirubin	Diazo with sulphanilic acid
25	Biochemistry	EDTA	HbA1c	HPLC
26	Immunoassay	Serum	FT3	Competitive immunoassay
27	Immunoassay	Serum	FT4	Competitive immunoassay
28	Immunoassay	Serum	TSH	Sandwich immunoassay
29	Immunoassay	Serum	FSH	Sandwich immunoassay
30	Immunoassay	Serum	LH	Sandwich immunoassay
31	Immunoassay	Serum	PRL	Sandwich immunoassay
32	Immunoassay	Serum	Progesterone	Competitive immunoassay
33	Immunoassay	Serum	Total HCG	Two site sandwich immunoassay
34	Immunoassay	Serum	Testosterone	Competitive immunoassay
35	Immunoassay	Serum	AFP	Two site sandwich immunoassay
36	Immunoassay	Serum	CEA	Two site sandwich immunoassay
37	Immunoassay	Serum	PSA	Two site sandwich immunoassay
38	Immunoassay	Serum	Ferritin	Two site sandwich immunoassay
39	Immunoassay	Serum	Folate	Competitive immunoassay
40	Immunoassay	Serum	Vitamin B12	Competitive immunoassay
41	Immunoassay	Serum	Cortisol	Competitive immunoassay
42	Immunoassay	Serum	CARB	Competitive immunoassay
43	Immunoassay	Serum	PHTN	Competitive immunoassay
44	Immunoassay	Serum	Valproic acid	Competitive immunoassay
45	Immunoassay	Serum	Vancomycin	Competitive immunoassay
46	Immunoassay	Serum	IgE	Two site sandwich immunoassay
47	Immunoassay	Serum	E2	Competitive immunoassay
48	Hematology	Blood in EDTA vial	WBC	Light scatter by laser

SI No.	Type of Task	Materials/	Task Name	Standard Method
49	Hematology	Blood in EDTA vial	NE%	Light scatterby laser
50	Hematology	Blood in EDTA vial	LY%	Light scatterby laser
51	Hematology	Blood in EDTA vial	MO%	Light scatterby laser
52	Hematology	Blood in EDTA vial	EO%	Light scatterby laser
53	Hematology	Blood in EDTA vial	BA%	Light scatterby laser
54	Hematology	Blood in EDTA vial	RBC	Electrical resistance detection
55	Hematology	Blood in EDTA vial	HGB	Surfactant method
56	Hematology	Blood in EDTA vial	HCT	Histogram calculation
57	Hematology	Blood in EDTA vial	MCV	Histogram calculation
58	Hematology	Blood in EDTA vial	MCH	Histogram calculation
59	Hematology	Blood in EDTA vial	MCHC	Histogram calculation
60	Hematology	Blood in EDTA vial	RDW-CV	Histogram calculation
61	Hematology	Blood in EDTA vial	RDW-SD	Histogram calculation
62	Hematology	Blood in EDTA vial	PLT	Electrical resistance detection
63	Hematology	Blood in EDTA vial	PCT	Histogram calculation
64	Hematology	Blood in EDTA vial	MPV	Histogram calculation
65	Hematology	Blood in EDTA vial	PDW	Histogram calculation
66	Hematology	Blood in EDTA vial	AEC	Manual
67	Hematology	Blood in EDTA vial	Sickling test	Manual
68	Clinical Pathology	Urine	Routine & Microscopic	Manual method
69	Clinical Pathology	Urine	Occult Blood	Benzidine Method
70	Clinical Pathology	Stool	Routine & Microscopic	Microscopy
71	Clinical Pathology	Stool	Occult Blood	Benzidine Method
72	Clinical Pathology	Stool	Reducing Substances	Benedict Method
73	Biochemistry	Urine	Microalbumin	Immunonephometry
74	Biochemistry	Serum	Ceruloplasmin	Immunonephometry
75	Biochemistry	Serum	Procalcitonin PCT	Immunoassay

SI No.	Type of Task	Materials/	Task Name	Standard Method
76	Biochemistry	Serum	Nt-ProBNP	Immunoassay
77	Biochemistry	Serum	Hs-CRP	Immunoassay
78	Biochemistry	Blood in EDTA Vial	Blood Lead levels	Electrochemical principle
79	Biochemistry	Serum	TIBC	Colorimetric method
80	Biochemistry	Serum	Serum Protein Electrophoresis	Agarose Gel Electrophoresis
81	Biochemistry	Serum	Troponin I	Membrane based immunoassay
82	Immunoassay	Serum	C3	Immunonephlometry
83	Immunoassay	Serum	C4	Immunonephlometry
84	Immunoassay	Serum	IgG	Immunonephlometry
85	Immunoassay	Serum	IgM	Immunonephlometry
86	Immunoassay	Serum	IgA	Immunonephlometry
87	Immunoassay	Serum	C-ANCA	Immunoblot
88	Immunoassay	Serum	P-ANCA	Immunoblot
89	Immunoassay	Serum	GBM	Immunoblot
90	Immunoassay	Serum	ANA Panel- Immunoblot	Immunoblot
91	Immunoassay	Serum	ANA	Indirect Immunofluorescence
92	Immunoassay	Serum	ds-DNA	Indirect Immunofluorescence
93	Immunoassay	Serum	Liver IgG	Immunoblot
94	Immunoassay	Serum	Anti-CCP	Lateral flow Immunoassay
95	Immunoassay	Urine	Pregnancy Test	Immunochemistry
96	Immunoassay	Serum	Vitamin D, 25 Hydroxy	Competitive immunoassay
97	Immunoassay	Serum	CA 125	Two site sandwich immunoassay
98	Immunoassay	Serum	CA 15-3	Two site sandwich immunoassay
99	Immunoassay	Serum	CA 19-9	Two site sandwich immunoassay
100	Serology	Serum	Rheumatoid Factor (RF)	Particle enhanced Immunonephlometry
101	Serology	Serum	CRP	Particle enhanced Immunonephlometry
102	Serology	Serum	Anti-Streptolysin O	Particle enhanced Immunonephlometry
103	Serology	Serum	HIV 1 & 2	Immunoassay
104	Serology	Serum	HbsAg	Sandwich Immunoassay
105	Serology	Serum	Anti- HCV	Immunoassay
106	Serology	Serum	HAV IgM	Immunochemistry
107	Serology	Serum	HEV IgM	Immunochemistry
108	Serology	Urine	Legionella Ag	Sandwich Immunoassay
109	Serology	Whole Blood	Malaria Ag	Immunoassay
110	Serology	Serum	Dengue NS1 Ag, IgG, IgM Ab	Immunochemistry
111	Serology	Serum	Salmonella typhi Ag	Immunochemistry

SI No.	Type of Task	Materials/	Task Name	Standard Method
112	Serology	Serum	Leishmania Ab	Membrane base Immunoassay
113	Serology	Serum	TB IgG/ IgM	Lateral flow chromatography
114	Serology	Urine	Chlymadia Ag	Immunochromatography
115	Serology	Serum	Leptospira IgM	Immunochromatography
116	Serology	Stool	H.pylori Ag	Immunochromatography
117	Serology	Serum	H.pylori Ab	Immunochromatography
118	Serology	Serum	Syphilis Ab	Immunochromatography
119	Serology	Serum	HAV IgM	Immunochromatography
120	Hematology	Citrated Plasma	D-Dimer	Particle enhanced nephelometry
121	Hematology	EDTA Blood	G6PD	Biosensor analyser
122	Clinical pathology	Urine	Drug of Abuse (DOA)	Competitive Immunochromatography






Laboratory:- Kathmandu Pathlab and Diagnostic Center Pvt Ltd
Nagpokhari-1, Kathmandu

Discipline:- Clinical Biochemistry, Cytopathology, Haematology,
Histopathology, Serology

Annexure: Scope

The clinical laboratories under the scope of AERSSC accreditation (ISO 15189:2012)

Issue Date:-09/06/2015

Expiry Date:-08/06/2018

Certificate Number:- MSL-002

Type of Task	Materials/P roducts	Task Name	Standard method	Recommendation	witnessed by
Biochemistry	Serum	THYROID STIMULATING HORMONE	CLIA		
Biochemistry	Serum	FREE TRIIODTHYORININE	CLIA		
Biochemistry	Serum	FREE THYROXINE HORMONE	CLIA		
Biochemistry	Serum	PROLACTINE HORMONE	CLIA		
Biochemistry	Serum	FOLLICULAR STIMULATION	CLIA		
Biochemistry	Serum	LUTEINIZING HORMONE (LH)	CLIA		
Biochemistry	Serum	HUMAN CHORIONIC GONADOTROPIN	CLIA		

Biochemistry	Serum	ESTRADIAL HORMONE E2	CLIA		
Biochemistry	Serum	TESTOSTERONE HORMONE	CLIA		
Biochemistry	Serum	CARCINO EMBRYONIC ANTIGEN CEA	CLIA		
Biochemistry	Serum	ALFA FETO PROTEIN AFP	CLIA		
Biochemistry	Serum	PROSTHETIC SPECIFIC ANTIGEN	CLIA		
Biochemistry	Serum	FERRITIN	CLIA		
Biochemistry	Serum	ANTI-THYROID PEROXIDASE	CLIA		
Biochemistry	Serum	CA-125	CLIA		
Biochemistry	Serum	CA19.9	CLIA		
Biochemistry	Serum	CA15.3	CLIA		
Biochemistry	Serum	VITAMIN B12	CLIA		
Biochemistry	Serum	25-OH VITAMIN D3	CLIA		
Haematology	Whole blood	total leucocyte count	Electrical impedance		
Haematology	Whole blood	Differential leucocyte count	Electrical impedance		
Haematology	Whole blood	haemoglobin	Electrical impedance		
Haematology	Whole blood	platelets	Electrical impedance		
Haematology	Whole blood	Haematocrit value	Electrical impedance		
Haematology	Whole blood	Mean cell corpuscular volume	Electrical impedance		
Haematology	Whole blood	Mean cell haemoglobin	Electrical impedance		
Haematology	Whole blood	Mean cell haemoglobin concentration	Electrical impedance		
Serology	SERUM	ANTI-NUCLEAR FACTOR (ANA)	ELISA		
Serology	SERUM	ANTI-DOUBLE STANDARD DNA (ANTI-DS-DNA)	ELISA		
Serology	SERUM	HEPATITIS SURFACE ANTIGEN (HBEAG)	ELISA		
Serology	SERUM	HEPATITIS SURFACE E ANTIGEN (HBEAG)	ELISA		
Serology	SERUM	HEPATITIS SURFACE E ANTIBODY (ANTI-HBE)	ELISA		
Serology	SERUM	HEPATITS A VIRUS ANTIBODY (ANTI-HAVIGM)	ELISA		

Serology	SERUM	HEPATITIS E VIRUS ANTIBODY IGM (ANTI HEVIGM)	ELISA		
Serology	SERUM	HEPATITIS C VIRUS ANTIBODY IGM (ANTI HCVIGM)	ELISA		
Serology	SERUM	HIV I & II ANTIBODY IGM	ELISA		
Serology	SERUM	TOXOPLASMA VIRUS ANTIBODY TOXO (IGM/IGG)	ELISA		
Serology	SERUM	RUBELLA VIRUS ANTIBODY (IGG/IGM)	ELISA		
Serology	SERUM	CITOMEGALO VIRUS (CMVIGG/IGM)	ELISA		
Serology	SERUM	HERPS SIMPLEX VIRUS-2 ANTIBODY, HSV-2 (IGG/IGM)	ELISA		
Serology	SERUM	HERPS SIMPLEX VIRUS-1 ANTIBODY, HSV-1 (IGG/IGM)	ELISA		
Histopathology	Tissue	Haematocyllin and Eosin stain	Heamatoxyllin stain the nucleus of tissue and Eosin stain the cytoplasm of		
Histopathology	Tissue	PAS stain	Stain the glycogen present in the skin tissue		
Histopathology	Tissue	AFB stain	Carbol fuschin stain the mycobacetriu m present in tissue in red in colour and		
Histopathology	Tissue	Giemsa stain	The acidic dye of stain the nucleus in purple colour and basic dye stain the		
Cyopathology	Exfoliative/ Aspirate	Papanicolaou stain	Chemical: Haematocyllin stain, 70% alcohol, 90% alcohol, OG-6,EA-		
Cyopathology	Exfoliative/ Aspirate	Giemsa stain	Chemical: Stock Giemsa stain containing		

			(Azure eosin methylene blue		
Cyopathology	Exfoliative/ Aspirate	Wright stain	Chemical: Working Wright stain and methanol, Wright stain		
Cyopathology	Exfoliative/ Aspirate	Papanicolaou stain	Chemical: Haematoxylin stain, 70% alcohol, 90% alcohol, OG- 6,EA-		

