Antharasanahalli, Tumakuru, Karnataka

Accreditation Standard ISO/IEC 17025: 2005

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Validity 15.12.2018 to 14.12.2020 Last Amended on --

"In view of the transition for ISO/IEC 17025:2017, the validity of this accreditation certificate will cease on 30.11.2020"

SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection		
	BIOLOGICAL TESTING					
I.	TOXICOLOGY					
1.	Pharmaceutical Formulations Human Chorionic Gonadotropin (HCG)/ Pharmaceutical formulations as per Monograph	Abnormal Toxicity Test	IP 2018, Clause 2.2.1	Qualitative		
2.	Medical devices (Including	Bacterial Reverse Mutation	ISO 10993-3	Qualitative		
	Disposable Catheters, Perfusion Sets Bags, Cardiac	In Vitro Chromosomal Aberration Test in Human Peripheral Blood Lymphocytes	ISO 10993-3	Qualitative		
	Stents, Wound suture and closure products, Drug	In Vitro -CHO Cell lines/In Vivo Chromosomal Aberration	ISO 10993-3	Qualitative		
	Eluting Stents, Fixation tapes,	In Vitro -CHO Cell lines/In Vivo Micronucleus Test	ISO 10993-3	Qualitative		
	Compression Bandages, Probes of Monitors of Various types like	In Vitro Mammalian Cell Gene Mutation Test Using the Thymidine Kinase Gene	ISO 10993-3	Qualitative		
	ECG, blood Pressure, Wound	Acute systemic toxicity	ISO 10993-11	Qualitative		
	Dressing Materials,	In Vivo pyrogenicity	ISO 10993-11	Qualitative		
	Contact lenses,	Skin irritation tests in rabbits	ISO 10993-10	Qualitative		

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SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Urinary catheters, Intra Ocular	Local effects after implantation	ISO 10993-6	Qualitative
	Lenses, , Blood I.V. Cannula, Bone	Interactions with blood	ISO 10993-4	Qualitative
	Cements, heart	In vitro cytotoxicity test	ISO 10993-5	Qualitative
	valves, Scalp Vein Set, Internal Prosthetic Replacements, Peritoneal dialysis sets) Biomaterials [Polymers like Nylon, Polyvinyl Chloride, Metals, Polyethylene (linear), Polystyrene, Fluorocarbon Resins, Polypropylene, Polyurethane, Resins, Polyesters] Note: Tests indicated in column 3 are common for medical devices and biomaterials, Sutures, Stents, Low Density	Skin sensitization in guinea pigs	ISO 10993-10	Qualitative
	Polyethylene Granules (LDPE)			
3.	Medical devices (Including	Bacterial Reverse Mutation In Vitro Chromosomal	ISO 10993-13	Qualitative Qualitative

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SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Disposable Catheters, Perfusion Sets Bags, Cardiac Stents, Wound suture and	Aberration Test in Human Peripheral Blood Lymphocytes In Vitro -CHO Cell lines/In Vivo Chromosomal Aberration		Qualitative
	closure products, Drug Eluting Stents, Fixation	In Vitro -CHO Cell lines/In Vivo Micronucleus Test		Qualitative
	tapes, Compression Bandages, Probes	In Vitro Mammalian Cell Gene Mutation Test Using the Thymidine Kinase Gene		Qualitative
	of Monitors of	Acute systemic toxicity	ISO 10993-11	Qualitative
	Various types like ECG, blood	In Vivo pyrogenicity		Qualitative
	Pressure, Wound Dressing	Skin irritation tests in rabbits	ISO 10993-10	Qualitative
	Materials, Contact lenses, Urinary	Local effects after implantation	ISO 10993-6	Qualitative
	catheters, Intra	Interactions with blood	ISO 10993-4	Qualitative
	Ocular Lenses, , Blood I.V.	In vitro cytotoxicity test	ISO 10993-5	Qualitative
	Cannula, Bone Cements, heart valves, Scalp Vein Set, Internal Prosthetic Replacements, Peritoneal dialysis sets) Biomaterials [Polymers like Nylon, Polyvinyl Chloride, Metals, Polyethylene	Skin sensitization in guinea pigs	ISO 10993-10	Qualitative

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SI.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	(linear), Polystyrene, Fluorocarbon Resins, Polypropylene, Polyurethane, Resins, Polyesters] Note: Tests indicated in column 3 are common for medical devices and biomaterials, Sutures, Stents, Low Density Polyethylene			
II.	Granules (LDPE) VETERINARY TEST	ING		
1.	Hematology for Rats	Red Blood cell Counts White Blood cell counts Platelets count Hemoglobin Hematocrit (HCT)	LBPL-INS-002	(7 to 10) X 10 ⁶ / μL (6 to 17) X 10 ³ /μL (500 to 1300) X 10 ³ /μL 11 g/dL to 18 g/dL 36 (%) to 48 (%)
	Hematology for Mice	Red Blood cell Counts White Blood cell counts Hemoglobin Hematocrit (HCT)	LBPL-INS-002	(7 to12.5) X 10 ⁶ / μL (6 to15) X 10 ³ /μL 10.2 g/dL to 16.6 g/dL 39 (%) to 49 (%)
	Hematology for Rabbit	Red Blood cell Counts White Blood cell counts Platelets count Hemoglobin Hematocrit (HCT)	LBPL-INS-002	(4.5 to 8.5) X 10 ⁶ / μL (4 to 13) X 10 ³ /μL (180 to 750) X 10 ³ /μL 9.4 g/dL to 17.5 g/dL 31 (%) to 50 (%)

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

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