



**Customer Service Cell**  
**Biomedical Technology Wing**  
**Sree Chitra Tirunal Institute for Medical Sciences & Technology**  
 (An Institute of National Importance under Govt. of India)  
 Poojapura, Thiruvananthapuram, Kerala, INDIA – 695 012  
 Tel: 91-471-2340801, 2520307; e-mail: csc@sctimst.ac.in

**TEST CHARGES (PHYSICO-CHEMICAL TESTS)**


(w.e.f 20 th MAY 2026)

Note: GST will be charged as applicable

Sl. No	Name of the test	Test Method/ Standard followed	Lab	Test Charges - External - Industry	Test Charges - External - Academic	Test Charges - TIMed/TT Licensee
1	X-Ray Diffraction Spectrum	Approved protocol	Division of Bioceramics	1900	1500	1300
2	Microhardness testing			1000	800	700
3	ICP-OES (2 elements)			1200	1000	800
a	ICP-OES, For each extra element			400	350	300
4	<b>Mechanical Testing</b>	Approved protocol based on ASTM	Division of Polymeric Medical Devices			
a	Tensile Test of dumbbells and rectangular strips WITHOUT extensometer			1000	800	700
b	Tensile Test of dumbbells and rectangular strips WITH extensometer			1200	1000	800
c	Tensile Testing of sheets /plaques/films (WITHOUT extensometer & requiring sample cutting to dumbbells /rectangular strips )	Approved protocol based on ASTM	Division of Polymeric Medical Devices	1200	1000	800
d	Tensile Testing of sheets /plaques/films (WITH extensometer & requiring sample cutting to dumbbells /rectangular strips )			1300	1000	900
e	Tensile testing of biological tissues			1300	1000	900
f	Tensile test (Devices)			1000	800	700
g	Compression test ( Cylindrical samples, preferred diameter 2mm and height 4 to 6 mm)			1000	800	700
h	Compression test ( Devices)			1000	800	700

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5	Impact Testing (IZOD& CHARPY)	ISO 179, ISO 180	<b>Division of Polymeric Medical Devices</b>	800	700	600
6	Dynamic Mechanical Analysis	Approved protocol				
a	Analysis of samples from ambient to desired high temperature			1400	1100	1000
b	Analysis of samples from – 150°C to desired high temperature			4200	3400	2900
7	Micro injection moulding	Approved protocol		3100	2500	2100
8	Mechanical Testing using UTM	Approved protocol as per ASTM	<b>Division of Dental Products</b>	1000	800	700
9	Thermocycler(For a batch of less than 500gm for first 2 hours)	Approved protocol		8800	7000	6200
10	Shore A Shore D			150	125	100
11	Dynamic Light Scattering			400	350	300
12	Zeta Potential			600	500	400
13	Attached as separate sheet	Approved protocol	<b>Central Analytical facility</b>	Attached as Separate Sheet		
14	Profilometer	Approved protocol	<b>Calibration Cell</b>			
a	Profilometer - line scanning		2200	1800	1500	
b	Profilometer - surface scanning	4400	3500	3100		
15	Ethylene Oxide sterilization		<b>Lab for Extracorporeal Devices</b>			
a	Ethylene Oxide sterilization(Partial load)			1500	1200	1100
b	Ethylene Oxide sterilization(Half load)			2500	2000	1800
c	Ethylene Oxide sterilization(Full load)			4500	3600	3200

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16	FTIR Spectroscopy	Approved protocol	<b>Division of Tissue Engineering &amp; Regenerative Technologies</b>	1100	900	800
a	Data file for each spectrum			300	250	200
b	Overlay spectra			300	250	200
17	Contact angle measurement			600	500	400
a	Image file			200	150	130
18	Calo test (AIO lab)		<b>Lab for Artificial Internal Organs</b>	2000	1600	1400
19	<b>LCMS</b>	Approved protocol	<b>Microbial Technology</b>			
a	Quantitative analysis			5250	4200	3700
b	Qualitative Analysis			1200	1000	800
20	Live animal imaging ( BPI lab)	Approved protocol	<b>Lab for Biophotonics and Imaging</b>	3000	2400	2100

Approved by




Head , BMT Wing