

Calibration Certificate

Model Name: PRIESTEST TOUCH
Sr. No: ATCD1771220RBK
The Medical Officer
Govt. Primary Health Centre,
Dhaliyur.

Certificate No. : Analyser-ATC (D-140)/ 2024-2024
Date of Calibration : 25.09.2023
Calibration Due on : 24.09.2024

STANDARD USED FOR CALIBRATION

Parameters	Inst. Name & Sr. No.	Cert. No.	Calibrated by	Validity
Temperature Calibration	Digital Thermometer	UCS/CAL/211000315	Universal Instrument	31/12/2024
Temperature Calibration	Digital Thermometer	UCS/CAL/211000314	Universal Instrument	31/12/2024
Film readings Calibration	Spectrophotometer, Make: Shimadzu, Model No.: UV-1800, Sr. No. A-1145 4702871	REG/28/2207	OC dept. of Reagent Robonik India pvt.ltd	31/12/2024

OBSERVATIONS (Temperature Calibration)

Temperature Details	Incubator Temperature	Cuvette Temperature
Thermometer Sr. No.	025	012
Obtained Value	37.5°C	37.4°C
Range	37°C (±1°C)	37°C (±0.5°C)

OPTICAL FILM READING CALIBRATION

Wavelength	Film type	Range	Absorbance Obtained
340 nm	1SP	0.549 - 0.619	0.590
	1HP + 1SP	0.842 - 0.975	0.914
	1TP	1.627 - 1.853	1.737
	ZDP + 1HP	2.643 - 3.427	2.714
	1SP	0.307 - 0.348	0.318
	1TP	0.929 - 1.062	1.007
405 nm	ZDP + 1HP	1.432 - 1.642	1.572
	3TP	2.809 - 3.318	3.034
	1SP	0.299 - 0.337	0.300
	1TP	0.913 - 1.054	0.997
	ZDP + 1HP	1.386 - 1.576	1.505
	3TP	2.784 - 3.232	2.997
510 nm	1SP	0.264 - 0.313	0.286
	1TP	0.844 - 0.956	0.918
	ZDP + 1HP	1.387 - 1.446	1.393
	3TP	2.512 - 2.849	2.790
	1SP	0.265 - 0.302	0.292
	1TP	0.791 - 0.904	0.874
578 nm	ZDP + 1HP	1.200 - 1.391	1.337
	3TP	2.387 - 2.702	2.660
	1SP	0.300 - 0.352	0.331
	1TP	0.977 - 1.115	1.065
	ZDP + 1HP	1.443 - 1.648	1.584
	3TP	2.806 - 3.230	3.165
630 nm			

Biochemistry Analyzer bearing serial no. ATCD1771220RBK has been calibrated for above parameter and found to be within its acceptance criteria.

calibrated by: _____

Approved by: _____



DR. D. D. SRI SRI
 Government of Karnataka
 Department of Health
 Government of Karnataka
 Dhaliyur.

4579, 4580, 4581, 4582, 4583, 4584, 4585, 4586, 4587, 4588, 4589, 4590, 4591, 4592, 4593, 4594, 4595, 4596, 4597, 4598, 4599, 4600, 4601, 4602, 4603, 4604, 4605, 4606, 4607, 4608, 4609, 4610, 4611, 4612, 4613, 4614, 4615, 4616, 4617, 4618, 4619, 4620, 4621, 4622, 4623, 4624, 4625, 4626, 4627, 4628, 4629, 4630, 4631, 4632, 4633, 4634, 4635, 4636, 4637, 4638, 4639, 4640, 4641, 4642, 4643, 4644, 4645, 4646, 4647, 4648, 4649, 4650, 4651, 4652, 4653, 4654, 4655, 4656, 4657, 4658, 4659, 4660, 4661, 4662, 4663, 4664, 4665, 4666, 4667, 4668, 4669, 4670, 4671, 4672, 4673, 4674, 4675, 4676, 4677, 4678, 4679, 4680, 4681, 4682, 4683, 4684, 4685, 4686, 4687, 4688, 4689, 4690, 4691, 4692, 4693, 4694, 4695, 4696, 4697, 4698, 4699, 4700, 4701, 4702, 4703, 4704, 4705, 4706, 4707, 4708, 4709, 4710, 4711, 4712, 4713, 4714, 4715, 4716, 4717, 4718, 4719, 4720, 4721, 4722, 4723, 4724, 4725, 4726, 4727, 4728, 4729, 4730, 4731, 4732, 4733, 4734, 4735, 4736, 4737, 4738, 4739, 4740, 4741, 4742, 4743, 4744, 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5907, 5908, 5909, 5910, 5911, 5912, 5913, 5914, 5915, 5916, 5917, 5918, 5919, 5920, 5921, 5922, 5923, 5924, 5925, 5926, 5927, 5928, 5929, 5930, 5931, 5932, 5933, 5934, 5935, 5936, 5937, 5938, 5939, 5940, 5941, 5942, 5943, 5944, 5945, 5946, 5947, 5948, 5949, 5950, 5951, 5952, 5953, 5954, 5955, 5956, 5957, 5958, 5959, 5960, 5961, 5962, 5963, 5964, 5965, 5966, 5967, 5968, 5969, 5970, 5971, 5972, 5973, 5974, 5975, 5976, 5977, 5978, 5979, 5980, 5981, 5982, 5983, 5984, 5985, 5986, 5987, 5988, 5989, 5990, 5991, 5992, 5993, 5994, 5995, 5996, 5997, 5998, 5999, 6000, 6001, 6002, 6003, 6004, 6005, 6006, 6007, 6008, 6009, 6010, 6011, 6012, 6013, 6014, 6015, 6016, 6017, 6018, 6019, 6020, 6021, 6022, 6023, 6024, 6025, 6026, 6027, 6028, 6029, 6030, 6031, 6032, 6033, 6034, 6035, 6036, 6037, 6038, 6039, 6040, 6041, 6042, 6043, 6044, 6045, 6046, 6047, 6048, 6049, 6050, 6051, 6052, 6053, 6054, 6055, 6056, 6057, 6058, 6059, 6060, 6061, 6062, 6063, 6064, 6065, 6066, 6067, 6068, 6069, 6070, 6071, 6072, 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