

CERTIFICATE OF CALIBRATION

FT-Q-25		Page 1 of 1	
ULR No. :	CC214422000005575F	Date of Issue :	31-08-2022
Certificate No. :	TVCSP/22/08/1460-02	Recom. Due Date :	29-08-2023
Date of Calibration :	30-08-2022	SRF No. :	1460
Customer Details :	M/s. Doctors Lab, Payyoli, Kozhikode, Kerala - 673522.	Calibrated at :	On-Site
		Date of Receipt :	30-08-2022
		Cond. On Receipt :	Satisfactory
Details of Test Instrument:			
Description :	Hot Air Oven	Model No. :	--
Range :	50°C to 300°C	Serial No. :	1834
Least Count :	10°C	Identification No. :	DTC/EQ/32
Make :	Rotek Plus	Accuracy :	As Per Manual
Working range :	--	Location :	Haematology
Details of Standard Used :			
Name	Certificate No.	Valid upto	Traceability
Standard RTD Sensor	CS/21/LB/TH/435-08	22-02-2023	R&D Instrument
Multi-Function Calibrator	TVCSP/22/0076/MFC-001	21-02-2023	ACVS
Work Instruction :	WI-T-02		
Environmental Details :	Temperature: 25±4 °C	Relative Humidity:	45-75 % RH

THERMAL CALIBRATION
(Temperature)
Calibration Results

Test Reading	Standard Reading Mean	Deviation	Expanded Uncertainty (±)	Coverage Factor
°C	°C	°C	°C	K
50	49.8	0.2	1.25	2
100	99.7	0.3	1.25	2
150	149.6	0.4	1.25	2
200	199.4	0.6	1.25	2
250	249.3	0.7	1.25	2
300	299.1	0.9	1.25	2

Remarks:-

1. The above UUC was calibrated at On-Site
2. UUC is defined as Unit Under Calibration
3. Reading given was the average of 3 Measurements
4. The measurement confidence level is 95.45%
5. The Calibration Certificate shall not be reproduced except in full without written approval of TVCSPL
6. The above Expanded Uncertainty includes Repeatability, Resolution & Uncertainty of Measurement
7. The above results relate only to the item calibrated
8. Temperature Scale : ITS-90

* End of Certificate*

Calibrated by :

K. Kameshwaran
Mr. K. Kameshwaran
(Calibration Engineer)

Authorised by :

And Manoharan
Mr. Anand Manoharan
(QM & TM)



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