



## CALIBRATION CERTIFICATE

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<b>Customer Details</b> M/s. KCRB Neethi Medical Lab & X-Ray Centre., Kunnamangalam.	<b>Certificate Number</b>	: CC-2022-S-0051/002
	<b>ULR Number</b>	: ULR-CC305022000001573F
	<b>SRF Number</b>	: SRF-2022-S-0051
	<b>Date of Receipt</b>	: 02.09.2022
	<b>Date of Calibration</b>	: 02.09.2022
	<b>Recommended Due Date</b>	: 01.09.2023
	<b>Date of Issue</b>	: 03.09.2022

### Details of Unit Under Calibration

<b>Description</b>	: Incubator	<b>Make</b>	: Lectra
<b>Range</b>	: 37°C	<b>Model / Type</b>	: 61160642
<b>Resolution</b>	: 1°C	<b>Accuracy</b>	: --
<b>Serial Number</b>	: --	<b>Operating Range</b>	: 37°C
<b>Identification Number</b>	: NL/FR/02	<b>Condition of UUC</b>	: Good
<b>Calibration at</b>	: At Site	<b>Location</b>	: --

### Details of Reference Standard

Sl. No.	Description	Identification Number	Certificate Number	Validity
1	4 Wire 1/10 DIN RTD with Digital Thermometer	MCI-THER-RTD-043	TL/022/51.2.1	15.01.2023

<b>Environmental Condition</b>	<b>National / International Standard</b>	: DKD-R-5-7
<b>Temperature °C</b>	<b>Work Instruction Number</b>	: MCI-L03-WI-THER-005
<b>Humidity %RH</b>	<b>Calibrated by</b>	: Thilageshwaran R

## CALIBRATION RESULTS - THERMAL

Results of Calibration in °C				
Sl. No.	Standard Reading	UUC Reading	Error	Measurement Uncertainty (±)
1	37.364	37	-0.364	2.89

### Remarks

1. This Calibration Certificate relates only to the above UUC & Reported results are valid at the time of and under the stated conditions of measurements
2. Calibration of the UUC are traceable to National / International Standards
3. This report shall not be reproduced in full/ part without prior permission of Mechatron Calibration & Instrument
4. The recalibration interval shall be determined on the user requirements
5. The Measurement uncertainty is expressed at 95.45% confidence level with coverage factor  $k=2$
6. Temperature Scale : International Temperature Scale, 1990 (ITS-90)

Prepared by:

Narendra Kumar R

Document Number : MCI-L04-R42

Issue No. & Date : 03 & 16.08.2022



Reviewed & Approved by:

Premkumar B



## CALIBRATION CERTIFICATE

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<b>Customer Details</b> M/s. KCRB Neethi Medical Lab & X-Ray Centre., Kunnamangalam.	<b>Certificate Number</b>	: CC-2022-S-0051/001
	<b>ULR Number</b>	: ULR-CC305022000001572F
	<b>SRF Number</b>	: SRF-2022-S-0051
	<b>Date of Receipt</b>	: 02.09.2022
	<b>Date of Calibration</b>	: 02.09.2022
	<b>Recommended Due Date</b>	: 01.09.2023
	<b>Date of Issue</b>	: 03.09.2022

### Details of Unit Under Calibration

<b>Description</b>	: Incubator	<b>Make</b>	: Rotex
<b>Range</b>	: 30 to 110°C	<b>Model / Type</b>	: --
<b>Resolution</b>	: 5°C	<b>Accuracy</b>	: --
<b>Serial Number</b>	: 17129	<b>Operating Range</b>	: 30 to 110°C
<b>Identification Number</b>	: NL/RF/01	<b>Condition of UUC</b>	: Good
<b>Calibration at</b>	: At Site	<b>Location</b>	: --

### Details of Reference Standard

Sl. No.	Description	Identification Number	Certificate Number	Validity
1	4 Wire 1/10 DIN RTD with Digital Thermometer	MCI-THER-RTD-043	TL/022/51.2.1	15.01.2023

<b>Environmental Condition</b>	<b>National / International Standard</b>	: DKD-R-5-7
<b>Temperature °C</b>	<b>Work Instruction Number</b>	: MCI-L03-WI-THER-005
<b>Humidity %RH</b>	<b>Calibrated by</b>	: Thilageshwaran R

## CALIBRATION RESULTS - THERMAL

Results of Calibration in °C				
Sl. No.	Standard Reading	UUC Reading	Error	Measurement Uncertainty (±)
1	30.251	30	-0.251	2.92
2	40.374	40	-0.374	2.92
3	50.426	50	-0.426	2.92
4	60.562	60	-0.562	2.92
5	110.617	110	-0.617	2.92

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