



Cert. No : CC-2788

TRACEABILITY COPY



#40, 2nd Floor, 2nd Street,
Padmavathi Nagar, Chromepet,
Chennai, Tamil Nadu - 600 044.

CALIBRATION CERTIFICATE

MCAL/FOR/QD-12

Page # 1 of 1

PRF #	: MCAL/PRF/0221113	Date of Calibration	: 23-Feb-21
Certificate #	: MSIR/410221/113-002	Recom. Due Date	: 22-Feb-22

DETAILS OF USER CUSTOMER		ULR #	: ULR-CC278821000002801F
M/S. Newton Biomedical Service, 27Pradhakshanam Road,A-Plot,Second Floor, Karur-639 001.		Calibrated at	: Lab
		Date of Receipt	: 23-Feb-21
		Cond. On Receipt	: Satisfactory
		Date of Issue	: 25-Feb-21

DETAILS OF TEST / UNIT UNDER CALIBRATION			
Description	: Digital Thermometer	Identification #	: --
Range	: As Per Report	Serial #	: S1023388
Cal./Working Range	: 0 to 1200°C	Make	: Kusam - Mecco
Least Count	: 1°C	Model / Type	: KM-945
Location	: --	Accuracy	: As Per Manual

DETAILS OF MASTER INSTRUMENT USED			
Description	Identification #	Valid upto	Certificate #
Multi product Calibrator	MCAL/INS/ET-01	23-May-21	20/50-01

MFC #	: MCAL/MFC/TH-03
Details of Env.	: Temperature: 23±1.5°C Relative Humidity: 40-70 % RH

Calibration Results

Sl. #	Std Readings	Test Readings		Error		Uncertainty
		T1	T2	T1	T2	
	°C	°C	°C	°C	°C	± °C
1	0	0	0	0	0	0.50
2	100	97	98	-3	-2	0.50
3	500	498	499	-2	-1	4.50
4	700	697	698	-3	-2	4.50
5	900	896	897	-4	-3	4.50

Remarks :

1. The Expanded Uncertainty is calculated at 95.45 % C.L with coverage factor k=2
2. The reported reading are average of three readings.

Issued by :		Authorised by :	
MCAL - Engineer	Balaji Sah.D.K	QM / TM	Kamalanathan.V



MSIR INDIA PRIVATE LIMITED

(The Madras Science and Industrial Resources)

Phone :044 2265 2634, +91 9789877567, Email: calibration@msirindia.com Web: www.msirindia.com

CALIBRATION REPORT FOR FREEZER

Certificate Issued to : LIFE CARE DIAGNOSTIC CENTRE- DHARMAPURI
Company : FROST FREE
Model No : EFGV 450
Type : Upright Freezer
Storage volume : 450 LTR
Baskets / Shelves Qty : 5
No. of Door/Type : 1/Glass
Temperature Range : -16°C ~ -24°C
Castors : Yes
Lock : Yes
Date of calibration : 01-01-2021
Valid up to : 31-12-2021

ENVIROMENTAL CONDITION:

S.NO	Instrument Temperature Displayed	Thermometer Temperature Displayed	Difference ±1°C	Remarks
1.	-20°C	-19.8°C	0.2°C	OK
2.	-20°C	-19.5°C	0.5°C	OK
3.	-20°C	-19.7°C	0.3°C	OK

STANDARD INSTRUMENT USED:

Nomenclature:	Digital Thermometer with Sensor	Serial no:	S1023398
Make& Model:	KUSAM MECO & KM-946	Code/ID No:	---
Range:	(-1°C _ -50°C)	Resolution:	1°C

TEST BY: G.DINESH

Authorized Signatory



NOTE: 1) Calibration Points & due date is given as per customer request 2) This certificate refer only to particular item submitted for certificate 3) The calibration results reported are valid at the time of and under the stated conditions of the measurements 4) Any error in the certificate should be brought to our lab within 45 days from the date of issue of certificate.