



HYTECH INSTRUMENT

2SF, C-2 Shriram Complex, Nyay Khand-I, Indirapuram, Ghaziabad-201014 (U.P) INDIA
Ph. No. +91-9899380410, +91-9716668085, +91-7669021291-95



Calibration Certificate

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Certificate No.	HY/21/1371-146	CALIBRATION CERTIFICATE OF Micropipette
Date of Calibration :	26.11.2021	
Next Date for Calibration (As per agreed with the Customer)	26.11.2022	
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	Biohit
SERVICE REQUEST FORM DETAILS		Instrument Sr. No.	8704450
		Resolution / Least Count	0.5 µl
Service Request / Job No.	1371/1371-146	Range / Size	10 to 100µl
Service Request Dated	24.11.2021	Asset Code / I.D No.	CH/LAB/PPT/01
		Location	LAB
		Instrument Condition	In Working

Calibration Procedure	HY/WI/2MD13	Calibration Performed At	At Site
Reference Standard	NABL-126	Discipline	Medical
ENVIRONMENTAL CONDITIONS		Temperature	(25 ± 15) °C
		Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Digital Weighing Machine	CC205520000004620F	TNC	17.03.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

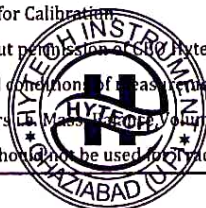
PARAMETER	DUC VALUE (µl)	STANDARD VALUE (µl)	ERROR (µl)	Uncertainty ± (µl)
Volume	10	10.013	-0.013	4.0
	50	50.029	-0.029	4.0
	100	100.045	-0.045	4.0

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

- Note :-**
1. DUC = Device Under Calibration
 2. The Certificate refers only to the particular items submitted for Calibration
 3. This Certificate shall not be reproduced, except in full, without permission of Hytech Instrument, Ghaziabad.
 4. Result Reported are Valid at the time of and under the stated condition of measurement.
 5. Calibration Certificate issue for weight & Measure parameters in Mass, Length, Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commercial use.

CALIBRATED BY
(Calib. Engineer)

APPROVED BY
(QM / TM)





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Calibration Certificate

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Certificate No.	HY/21/1371-147	CALIBRATION CERTIFICATE OF Hot Air Oven
Date of Calibration :	26.11.2021	
Next Date for Calibration	26.11.2022	
(As per agreed with the Customer)		
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	NA
		Instrument Sr. No.	NA
		Resolution / Least Count	1 °C
		Range / Size	0 to 200 °C
SERVICE REQUEST FORM DETAILS		Asset Code / I.D No.	CH/LAB/HAO/01
Service Request / Job No.	1371/1371-147	Location	LAB
Service Request Dated	24.11.2021	Instrument Condition	In Working

Calibration Procedure	HY/WI/2T02	Calibration Performed At	At Site
Reference Standard	NABL-126	Discipline	Thermal
ENVIRONMENTAL CONDITIONS		Temperature	(25 ± 15) °C
		Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	RTD Sensor with Indicator	GC/AV/P1398A/08/21	GC	12.08.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (°C)	STANDARD VALUE (°C)	ERROR (°C)	Uncertainty ± (%)
Temperature	0	0.000	0.000	0.95
	30	30.004	-0.004	0.95
	50	50.008	-0.008	0.95
	100	100.012	-0.012	0.95
	150	150.018	-0.018	0.95
	250	250.036	-0.036	0.95

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor $k=2$

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CALIBRATED BY
(Calib. Engineer)

APPROVED BY
(QA/FM)





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Calibration Certificate

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Certificate No.	HY/21/1371-148	CALIBRATION CERTIFICATE OF Incubator
Date of Calibration :	26.11.2021	
Next Date for Calibration	26.11.2022	
(As per agreed with the Customer)		
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	----
		Instrument Sr. No.	----
		Resolution / Least Count	0.1 °C
		Range / Size	upto 100°C
		Asset Code / I.D No.	CH/LAB/INC/01
SERVICE REQUEST FORM DETAILS		Location	LAB
Service Request / Job No.	1371/1371-148	Instrument Condition	In Working
Service Request Dated	24.11.2021		

Calibration Procedure	HY/WI/2T02	Calibration Performed At	At Site
Reference Standard	NABL-126	Discipline	Medical
ENVIRONMENTAL CONDITIONS		Temperature	(25 ± 15) °C
		Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	RTD Sensor with Indicator	GC/AV/P1398A/08/21	GC	12.08.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	SET VALUE (°C)	DUC VALUE (°C)	STANDARD VALUE (°C)	ERROR (°C)	Uncertainty ± (%)
Temperature	0.0	0.0	0.000	0.000	----
	10.0	10.0	10.003	-0.003	0.95
	30.0	30.0	30.006	-0.006	0.95
	50.0	50.0	50.014	-0.014	0.95
	100.0	100.0	100.017	-0.017	0.95

Expanded Uncertainty of measurment at approximately 95% Confidence Level with coverage factor k=2

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 - Result Reported are Valid at the time of and under the stated conditions of measurement.
 - Calibration Certificate issue for weight & Measure parameters is for volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commerical use.

CALIBRATED BY
(Calib Engineer)

APPROVED BY
(QM / TM)





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Calibration Certificate

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Certificate No.	HY/21/1371-149	CALIBRATION CERTIFICATE OF Hematology Analyzer
Date of Calibration :	26.11.2021	
Next Date for Calibration	26.11.2022	
(As per agreed with the Customer)		
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	----
		Instrument Sr. No.	----
		Resolution / Least Count	As Per Range
		Range / Size	As Per Instrument
		Asset Code / I.D No.	CH/LAB/HM/01
SERVICE REQUEST FORM DETAILS		Location	LAB
Service Request / Job No.	1371/1371-149	Instrument Condition	In working
Service Request Dated	24.11.2021		

Calibration Procedure	HY/WI/2MD08	Calibration Performed At	At Site	
Reference Standard	NABL-126	Discipline	Medical	
ENVIRONMENTAL CONDITIONS	Temperature	(25 ± 15) °C	Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Process Calibrator	CC205521000004619F	TNC	17.03.2022
2	RTD Sensor with Indicator	GC/AV/P1398A/08/21	GC	12.08.2022
3	Std. Weights	CC205521000004622F	TNC	17.03.2022
4	Electrical Safety Analyzer	CC205520000000755F	TNC	18.01.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

Maxima Found at	Standard Wavelength	Tolerance Limit
360nm	360.50nm	(upto 400 nm)±1nm
419nm	423.80nm	(400 upto 600 nm)±3nm
454nm	453.90nm	(400 upto 600 nm)±3nm
537nm	587.45nm	(400 upto 600 nm)±3nm
640nm	638.30nm	(600 upto 1000 nm)±4nm

Temperature in (°C)

PARAMETER	DUC VALUE	STANDARD VALUE	ERROR	Uncertainty ± (%)
Range :- 0-37 °C	20.03	20.000	0.030	0.70
	25.06	25.003	0.057	0.70
	28.11	28.006	0.104	0.70
	30.17	30.008	0.162	0.70
	35.17	35.012	0.158	0.70

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

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CALIBRATED BY
(Calib. Engineer)

APPROVED BY
(S.M.Y.F.M)





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Calibration Certificate

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Certificate No.	HY/21/1371-150	CALIBRATION CERTIFICATE OF Blood Mixer
Date of Calibration :	26.11.2021	
Next Date for Calibration (As per agreed with the Customer)	26.11.2022	
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	NA
SERVICE REQUEST FORM DETAILS		Instrument Sr. No.	NA
		Resolution / Least Count	As Per Range
Service Request / Job No.	1371/1371-150	Range / Size	As Per Instrument
Service Request Dated	24.11.2021	Asset Code / I.D No.	CH/LAB/BM/01
		Location	LAB
		Instrument Condition	In Working

Calibration Procedure	HY/WI/2M14	Calibration Performed At	At Site	
Reference Standard	NABL-126	Discipline	Medical	
ENVIRONMENTAL CONDITIONS	Temperature	(25 ± 15) °C	Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Digital Tachometer	CC20552000000753F	TNC	18.01.2022
2	Digital Weighing Machine	CC205520000004620F	TNC	17.03.2022
3	Stop Watch	CCTPL/DSW/0261/01	CALYSS	21.02.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (rpm)	STANDARD VALUE (rpm)	ERROR (rpm)	Uncertainty ± (%)
Speed	20	20.4	-0.40	0.70
	50	50.8	-0.80	0.70
	90	91.3	-1.30	0.70

PARAMETER	DUC VALUE (ml)	STANDARD VALUE (ml)	ERROR (ml)	Uncertainty ± (%)
Volume	100	100.29	-0.29	0.70
	500	500.43	-0.43	0.70

PARAMETER	DUC Value	Standard Value				Uncertainty (± %)
		Hour	Min	Sec	1/100Sec	
Time	Min					
	10	0	9	59	92	0.95
	30	0	29	58	81	0.95
	60	0	59	56	78	0.95
	90	0	89	55	68	0.95

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

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	APPROVED BY (Q.M.X.M)





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Calibration Certificate

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Certificate No.	HY/21/1371-151	CALIBRATION CERTIFICATE OF Centrifuge Machine
Date of Calibration :	26.11.2021	
Next Date for Calibration	26.11.2022	
(As per agreed with the Customer)		
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	Remi
		Instrument Sr. No.	NA
		Resolution / Least Count	As Per Range
		Range / Size	As Per Instrument
		Asset Code / I.D No.	CH/LAB/CF/01
SERVICE REQUEST FORM DETAILS		Location	LAB
Service Request / Job No.	1371/1371-151	Instrument Condition	In Working
Service Request Dated	24.11.2021		

Calibration Procedure	HY/WI/2M14	Calibration Performed At	At Site	
Reference Standard	NABL-126	Discipline	Medical	
ENVIRONMENTAL CONDITIONS	Temperature	(25 ± 15) °C	Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Digital Tachometer	CC205520000000753F	TNC	18.01.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (rpm)	STANDARD VALUE (rpm)	ERROR (rpm)	Uncertainty ± (%)
Speed	800	803.7	-3.70	0.70
	1000	1002	-2.00	0.70
	1500	1505	-5.00	0.70
	2500	2506	-6.00	0.70
	3000	3003	-3.00	0.70

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

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4. Result Reported are Valid at the time of and under the stated conditions of measurement.

5. Calibration Certificate issue for weight & Measure parameters, Metrological and Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commerical use.

CALIBRATED BY
(Calib. Engineer)

APPROVED BY
(Q. M. M.)





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Calibration Certificate

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Certificate No.	HY/21/1371-152	CALIBRATION CERTIFICATE OF Refrigerator (Temperature Indicator)
Date of Calibration :	26.11.2021	
Next Date for Calibration (As per agreed with the Customer)	26.11.2022	
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	NA
		Instrument Sr. No.	NA
		Resolution / Least Count	0.1 °C
		Range / Size	0 to 10 °C
		Asset Code / I.D No.	CH/LAB/RF/01
		Location	LAB
		Instrument Condition	In Working

SERVICE REQUEST FORM DETAILS	
Service Request / Job No.	1371/1371-152
Service Request Dated	24.11.2021

Calibration Procedure	HY/W1/2T02	Calibration Performed At	At Site	
Reference Standard	NABL-126	Discipline	Thermal	
ENVIRONMENTAL CONDITIONS	Temperature	(25 ± 15) °C	Relative Humidity	(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	RTD Sensor with Indicator	GC/AV/P1398A/08/21	GC	12.08.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

Temperature in (°C)				
PARAMETER	DUC VALUE	STANDARD VALUE	ERROR	Uncertainty ± (%)
	2.0	2.002	-0.002	0.95
	4.0	4.003	-0.003	0.95
	5.0	5.004	-0.004	0.95
	6.0	6.008	-0.008	0.95
	8.0	8.013	-0.013	0.95

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

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CALIBRATED BY
(Calib Engineer)

APPROVED BY
(QA/MTM)





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Calibration Certificate

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Certificate No.	HY/21/1371-153	CALIBRATION CERTIFICATE OF Thermo Hygrometer
Date of Calibration :	26.11.2021	
Next Date for Calibration (As per agreed with the Customer)	26.11.2022	
Certificate Issue Date	27.11.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Care Hospital (A Unit of Goel Superspeciality Medical Centre Pvt.Ltd.) Near Delapeer Petrol Pump, Stadium Road, Bareilly - 243001 INDIA		Make / Model	HTC
SERVICE REQUEST FORM DETAILS		Instrument Sr. No.	NA
		Resolution / Least Count	0.1°C, 1%RH
Service Request / Job No.	1371/1371-153	Range / Size	0 to 50°C, 5 to 95%RH
Service Request Dated	24.11.2021	Asset Code / I.D No.	CH/LAB/HM/05
		Location	LAB
		Instrument Condition	In Working

Calibration Procedure	HY/WI/2T02	Calibration Performed At	In Lab
Reference Standard	NABL-129	Discipline	Thermal
ENVIRONMENTAL CONDITIONS	Temperature	(25 ± 5) °C	Relative Humidity
			(60 ± 15) %RH

DETAILS OF REFERENCE STANDARDS AND MAJOR EQUIPMENTS USED FOR CALIBRATION

Sr. No	Instrument Details	Certificate No.	Calibrated By	Calibration Due Date
1	Temp. & Humidity Meter with Sensor	PV/2109/0747	PV Calibration	27.09.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	SET VALUE (°C)	STANDARD VALUE (°C)	DUC VALUE (°C)	ERROR (°C)	Uncertainty ± (°C)
Temperature	15.0	15.2	15.2	0.0	0.35
At 50%RH	25.0	25.4	25.3	-0.1	0.35
	35.0	35.1	35.1	0.0	0.35

PARAMETER	SET VALUE (%RH)	STANDARD VALUE (%RH)	DUC VALUE (%RH)	ERROR (%RH)	Uncertainty ± (%RH)
Humidity	30.0	30.1	29	-1.1	1.90
At 25°C	50.0	51.2	51	-0.2	1.90
	80.0	80.3	80	-0.3	1.90

Expanded Uncertainty of measurement at approximately 95% Confidence Level with coverage factor k=2

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