



HYTECH INSTRUMENT

2SF, C-2 Shriram Complex, Nyay Khand-I, Indirapuram, Ghaziabad-201014 (U.P) INDIA
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Calibration Certificate

Format No.: HY/FM/33

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Certificate No.	HY/21/1132-01	CALIBRATION CERTIFICATE OF Analog Centrifuge Machine
Date of Calibration :	23.08.2021	
Next Date for Calibration (As per agreed with the Customer)	23.08.2022	
Certificate Issue Date	24.08.2021	

CUSTOMER ADDRESS		DESCRIPTION OF DEVICE UNDER CALIBRATION	
M/s Curis Diagnostics F-24/25, Sector-03 Rohini, New Delhi-110085 INDIA		Make / Model	REMI/ 8-C
SERVICE REQUEST FORM DETAILS		Instrument Sr. No.	Remi-1F-032
		Resolution / Least Count	As Per Range
Service Request / Job No.	1132 / 1132-01	Range / Size	upto to 4000 rpm
Service Request Dated	22.08.2021	Asset Code / I.D No.	CENT-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	Electrical Safety Analyzer	CC20552000000755F	TNC	18.01.2022

The Standards used for calibration are traceable to National Standards.

CALIBRATION RESULT

PARAMETER	DUC VALUE (rpm)	STANDARD VALUE (rpm)	Uncertainty ± (%)
Speed	Knob -01	984.3	0.70
	Knob -02	1427	0.70
	Knob -03	2217	0.70
	Knob -04	3218	0.70
	Knob -05	3820	0.70

1. Electrical Safety (Visual Test)

S.No	TESTS	REMARKS	S.No	PARAMETERS	MEASURE	REMARKS
1	Power Chords, Cable Check	OK	1	Voltage Between Line & Neutral (V in)	236.5V	OK
2	Main Socket Check	OK	2	Voltage Between Line & Earth (V ie)	243.3V	OK
3	Equipment Type (B/BF/CF)	B	3	Voltage Between Neutral & Earth (V en)	2.2V	OK
4	Equipment Class (I/II/III)	I	4	Patient Leakage Current (P L)	0.7µA	OK

B-BODY TYPE, BF-BODY FLOAT TYPE, CF-CARDIAC FLOAT TYPE, I-PROPERLY EARTHED, II-DOUBLE INSULATED, III-WITH EXTRA SAFETY LOW VOLTAGE.

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

<p>Note :-</p> <ol style="list-style-type: none"> DUC = Device Under Calibration The Certificate refers only to the particular items submitted for Calibration. This Certificate shall not be reproduced, except in full, without permission of SEO Hytech Instrument, Ghaziabad. Result Reported are Valid at the time of and under the stated conditions of measurement. Calibration Certificate issue for weight & Measure parameters i.e. Mass, Balance, Volumetric equipment, Measuring Scale/Tapes etc. for scientific purpose only and should not be used for Trade / Commercial use. 	<p>CALIBRATED BY (Calib. Engineer)</p> <p>APPROVED BY (QM / PM)</p>
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