

Certificate Of Calibration

Behine Sanjesh Azma Eng.



نیک آزما
Neek Azma

AUDATION



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Certificate NO. B7034/98/1

Re-Cal.Date

Date of Issue

Calibration Date

98/08/30

98/08/29

Customer & Equipment Specification

Client : تجهیزات ابزار دقیق آکو

Calibration Code : 157295

Client Add : -----

Equipment : Temperature & Humidity Transmitter

Manufacturer : AKO

Model : TH-RD1-M

Resolution : 0.1°C, 0.1%RH

Serial No : -----

Range : -----

Calibration Report

1) Reference Standards & Traceability :

1. Cold Incubator , Cert.NO.: B0101/462
2. Digital thermo hygrometer testo 400 , S/N.: 02067322/104, Cert. NO.: 1244.980673001
3. Environmental Test Chamber B.HT.CH

The reference standards are traceably calibrated to national and international metrology institute

2) Calibration Method :

Working instruction NO. BWI-CT-08

3) Environmental Condition :

Temperature: (23±2)°C Humidity: (38±3)%RH Pressure : (871±5) mbar

4) Uncertainty :

The reported expanded uncertainty of measurement is estimated in accordance with EAL publication. EA4/02 with attention to coverage factor k=2, for normal distribution, provided a level confidence of approximately 95%

5) Calibration result: As appendix pages

Lab. Manager

A. PARAND

Lab. Stamp



Calibrated By



BEHINE SANJESH AZMA	
www.behsalab.com	
ID No	157295
Cert No	B7034/98/1
Cal Date	1398/08/29
Due Date	
BT-FO-0515-00	Invalid Without Certificate
	Revise Date

- 1- The user must act in order to recalibrate during a specified period of time .
- 2- This certificate shall not be published or reproduced other than in full .
- 3- This certificate is not valid without special stamp & Hologram of issuant laboratory .



BT-FO-101-01
Revise Date : 93/12

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Calibration Result

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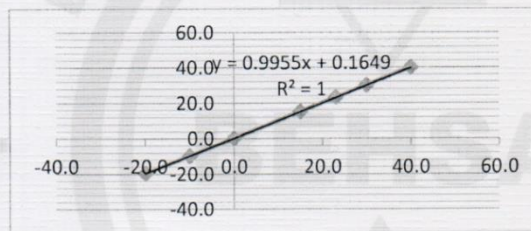
5-1. TEMPERATURE Calibration range: ((-20)-40)°C

NO.	REF. TEMP °C	UUC TEMP °C	ERROR °C	EXP.UN °C
1	-20.0	-19.7	0.3	± 0.3
2	-10.0	-9.8	0.2	
3	0.0	0.1	0.1	
4	15.0	15.1	0.1	
5	23.0	23.1	0.1	
6	30.0	30.0	0.0	
7	40.0	40.0	0.0	

The Regression Equation: TUUC=a*T REF+b

a= 0.9955

b= 0.1649



5-2. HUMIDITY Calibration range: (20-80) %RH

NO.	REF. VALUE %RH	UUC READING %RH	ERROR %RH	EXP.UN %RH
1	20.0	19.4	-0.6	± 1.8
2	40.0	41.8	1.8	
3	60.0	62.4	2.4	
4	80.0	83.9	3.9	

Note: The reported humidities have been created at 25°C

ERRORS RESULTS :

The Permissible error Value is Determined by user Measuring Management System.

End of calibration cert.



Abbreviations.

UUC.: Unit Under Calibration Ref. : Reference EXP.UN. : Expanded Uncertainty MPE. : Maximum Permissible Error