

NABL ACCREDITED LABORATORY





# 12-10-335/3/A, S1 & S2, Nomula Laxmi Residency, Seetaphalmandi, Secunderabad - 500 061.

"BE ACCURATE & BE SAFE"

#### **CALIBRATION CERTIFICATE**

SCS/FQ-014		ULR - CC233824000020228
Ich No	. CCC/T 2550	Doga 1 of 1

 Job No.
 : SCS/L-2550
 Page 1 of 1

 Certificate No.
 : SCS/10-24/2550-01
 Date of Issue
 : 18-10-2024

 Date of Calibration
 : 17-10-2024
 Cal Due Date
 : 16-10-2024

Customer Details :

M/s.Star Diagnostics., Calibrated at : Lab

Opp Sundharaiah Bhvan, Received Date : 16-10-2024

Sundharaiah Bhvan Road, Ongole-523002. Received Cond. : Good

**Details of UUC:** 

Description : Micropipette

Make : Asc Range : 500 μl

Detail of Standards Instruments Used:

Name ID.No. Valid up to Certificate.No.

1. SS Weights SCS/M/10 28-11-2024 WMCL/E/2021-11/1573

Procedure : WI-SM02 (As per ISO 8655)

**Environmental Details**: Temperature:  $20^{\circ}\text{C} \pm 3^{\circ}\text{C}$  Relative Humidity:  $60 \% \pm 25\%$ 

## CALIBRATION RESULTS

Sr.No	SET VALUE (μl)	MEASURED VALUE (μl)	ERROR (μl)	Expanded Uncertainty (±)
1	500.0	499.86	0.14	0.24μ1

#### Remarks:-

- 1 The Standards used for calibration is traceable to national & International standards.
- 2 This certificate relates only to the item calibrated.
- 3 This certificate shall not be reproduced except in full, unless written permission of Quality Manager (Calibration Lab).
- 4 Uncertainty is Calculated at 95.45% confident level with coverage factor k=2
- 5 The above readings were taken as per customer requirement.
- 6 The given measured values are average of 10 readings.
- 7 UUC (Unit under calibration)

\*\* End Of Certificate\*\*

Calibrated by

P.Koteswara Rao Lab Engineer NABL ACCREDITED COLOR LAB SEC BAD. \*

Approved By

A.Nageswara Rao Managing Partner

Mobile: 9848720920, 9912628580, 9666696850, 9848396850.

E-mail: scsqc2011@gmail.com; info@sricalibrations.com; srical666@gmail.com; Web; www.sricalibrations.com









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#### **CALIBRATION CERTIFICATE**

SCS/FQ-014			ULR - CC233824000020229
Job No.	: SCS/L-2550		Page 1 of 1
Certificate No.	: SCS/10-24/2550-02	Date of Issue	: 18-10-2024

Date of Calibration: 17-10-2024 Cal Due Date : 16-10-2024

Customer Details :

M/s.Star Diagnostics., Calibrated at : Lab

Opp Sundharaiah Bhvan, Received Date : 16-10-2024

Sundharaiah Bhvan Road, Ongole-523002. Received Cond. : Good

Details of UUC:

Description : Micropipette

Make : Uertex Range : 5 µl Sl.No : 41800862

Detail of Standards Instruments Used:

ID.No. Name Valid up to Certificate.No.

1. SS Weights 28-11-2024 SCS/M/10 WMCL/E/2021-11/1573

Procedure : WI-SM02 (As per ISO 8655)

Environmental Details : Temperature :  $20^{\circ}\text{C} \pm 3^{\circ}\text{C}$ Relative Humidity: 60 % ±25%

## CALIBRATION RESULTS

	O'ILLIDICITION TELESCETO					
Sr.No	SET VALUE (μl)	MEASURED VALUE (μl)	ERROR (μl)	Expanded Uncertainty (±)		
1	5.0	4.995	0.005	0.24µl		

#### Remarks :-

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- 2 This certificate relates only to the item calibrated.
- This certificate shall not be reproduced except in full, unless written permission 3 of Quality Manager (Calibration Lab).
- Uncertainty is Calculated at 95.45% confident level with coverage factor k=24
- The above readings were taken as per customer requirement.
- 6 The given measured values are average of 10 readings.

UUC (Unit under calibration)

\*\* End Of Certificate\*\*

Calibrated by

P.Koteswara Rao Lab Engineer



Approved By

**Managing Partner** 

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# 12-10-335/3/A, S1 & S2, Nomula Laxmi Residency, Seetaphalmandi, Secunderabad - 500 061.





#### **CALIBRATION CERTIFICATE**

SCS/FQ-014 ULR - CC233824000020230F

 Job No.
 : SCS/L-2550
 Page 1 of 1

 Certificate No.
 : SCS/10-24/2550-03
 Date of Issue
 : 18-10-2024

 Date of Calibration
 : 17-10-2024
 Cal Due Date
 : 16-10-2024

Customer Details:

"BE ACCURATE & BE SAFE"

M/s.Star Diagnostics., Calibrated at : Lab

Opp Sundharaiah Bhvan, Received Date : 16-10-2024

Sundharaiah Bhvan Road, Ongole-523002. Received Cond. : Good

**Details of UUC:** 

Description : Micropipette

Make : Uertex
Range : 10 μl
Sl.No : 41800882

Detail of Standards Instruments Used:

Name ID.No. Valid up to Certificate.No.

1. SS Weights SCS/M/10 28-11-2024 WMCL/E/2021-11/1573

Procedure : WI-SM02 (As per ISO 8655)

**Environmental Details**: Temperature:  $20^{\circ}\text{C} \pm 3^{\circ}\text{C}$  Relative Humidity:  $60\% \pm 25\%$ 

#### **CALIBRATION RESULTS**

Sr.No.	SET VALUE (μl)	MEASURED VALUE (μl)	ERROR (μl)	Expanded Uncertainty (±)
1	10.0	10.08	-0.08	0.024μ1

#### Remarks :-

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- 4 Uncertainty is Calculated at 95.45% confident level with coverage factor k=2
- 5 The above readings were taken as per customer requirement.
- 6 The given measured values are average of 10 readings.
- 7 UUC (Unit under calibration)

\*\* End Of Certificate\*\*

Calibrated by

P.Koteswara Rao Lab Engineer NASL ACCREDITED OF LAS CONTROL ACCREDITED OF

Approved By

A.Nageswara Rao Managing Partner

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#### CALIBRATION CERTIFICATE

SCS/FQ-014 ULR - CC233824000020231F

Job No. : SCS/L-2550 Page 1 of 1 Certificate No. : SCS/10-24/2550-04 Date of Issue : 18-10-2024 Date of Calibration: 17-10-2024 Cal Due Date : 16-10-2024

Customer Details :

Calibrated at : Lab

M/s.Star Diagnostics., Opp Sundharaiah Bhvan, Received Date : 16-10-2024

Sundharaiah Bhyan Road, Ongole-523002. Received Cond. : Good

**Details of UUC:** 

"BE ACCURATE & BE SAFE"

Description : Micropipette

Make : Micropet Range : 50 µl

Detail of Standards Instruments Used:

Name ID.No. Valid up to Certificate.No.

SCS/M/10 28-11-2024 1. SS Weights WMCL/E/2021-11/1573

Procedure : WI-SM02 (As per ISO 8655)

**Environmental Details**: Temperature:  $20^{\circ}C \pm 3^{\circ}C$ Relative Humidity: 60 % ±25%

### CALIBDATION DESILITS

	CALIDRATION RESULTS						
Sr.No.	SET VALUE (μl)	MEASURED VALUE (μl)	ERROR (μl)	Expanded Uncertainty (±)			
1	50.0	50.09	-0.09	0.024µl			

#### Remarks :-

- The Standards used for calibration is traceable to national & International standards. 1
- This certificate relates only to the item calibrated.
- This certificate shall not be reproduced except in full, unless written permission 3 of Quality Manager (Calibration Lab).
- 4 Uncertainty is Calculated at 95.45% confident level with coverage factor k=2
- 5 The above readings were taken as per customer requirement.
- 6 The given measured values are average of 10 readings.
- UUC (Unit under calibration)

\*\* End Of Certificate\*\*

Calibrated by

P.Koteswara Rao Lab Engineer

Approved By

**Managing Partner** 

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#### **CALIBRATION CERTIFICATE**

SCS/FQ-014 ULR - CC233824000020232F

 Job No.
 : SCS/L-2550
 Page 1 of 1

 Certificate No.
 : SCS/10-24/2550-05
 Date of Issue
 : 18-10-2024

Date of Calibration: 17-10-2024 Cal Due Date: 16-10-2024

**Customer Details**:

M/s.Star Diagnostics., Calibrated at : Lab

Opp Sundharaiah Bhvan, Received Date : 16-10-2024

Sundharaiah Bhvan Road, Ongole-523002. Received Cond. : Good

**Details of UUC:** 

Description : Micropipette
Make : Micropet

Range :  $100 \text{ to } 1000 \text{ } \mu\text{l}$ 

Detail of Standards Instruments Used:

Name ID.No. Valid up to Certificate.No.

1. SS Weights SCS/M/10 28-11-2024 WMCL/E/2021-11/1573

Procedure : WI-SM02 (As per ISO 8655)

**Environmental Details**: Temperature:  $20^{\circ}\text{C} \pm 3^{\circ}\text{C}$  Relative Humidity:  $60 \% \pm 25\%$ 

## CALIBRATION RESULTS

CALIBRATION RESULTS					
Sr.No	SET VALUE (μl)	MEASURED VALUE (μl)	ERROR (µl)	Expanded Uncertainty (±)	
1	100	100.12	-0.12		
2	300	300.16	-0.16		
3	500	500.28	-0.28	0.24 μ1	
4	700	700.36	-0.36		
5	1000	1000.39	-0.39		

#### Remarks :-

- 1 The Standards used for calibration is traceable to national & International standards.
- 2 This certificate relates only to the item calibrated.
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- 5 The above readings were taken as per customer requirement.
- 6 The given measured values are average of 10 readings.

7 UUC (Unit under calibration)

\*\* End Of Certificate\*\*

Calibrated by

P.Koteswara Rao

Lab Engineer

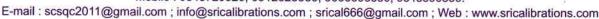
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Approved By

A.Nageswerza Rao Managing Partner



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### **CALIBRATION CERTIFICATE**

SCS/FQ-014 ULR-CC233824000020225F

Job No.		: SCS/S-2549			Page 1 of 1
Certifica	ate No	: SCS/10-24/25	49-01	Date of Issue	: 18-10-2024
Date of	Calibration	: 16-10-2024		Cal. Due Date	: 15-10-2025
	er Details	:			
	r Diagnostics.,			Calibrated at	
	ndharaiah Bhavan,			Received Date	: 16-10-2024
Sundhar	raiah Bhavan Roac	I, Ongole-523002.		Received Cond.	: Good
	of UUC:				
Descript	tion	: Refrigerator		Model	: RR21
Make		: Samsung		Sr.No	: RR21T2H2XNV/HL/2020
Range		: 2 to 8°C			
Resoluti		: NA			
	f Standard Instru	iment Used:			
Name			ID. No.	Valid upto	Certificate No.
1."3" Wi	ire RTD With Dig	ital Indicator	SCS/T/01	01-12-2024	TL/023/1360.1.1
Procedu		: WI- ST01		Ref Std	: DKD-R-5-7
Environ	mental Details	: Temperature :	20°C to 25°C	Relative	Humidity: 40 % to 70%
		C	ALIBRATION	RESULTS	
CN	UUC	Value	Stand	dard Value	Expanded Uncertainty (±)
S.No.	(°	C)		(° C )	(°C)
1	2 t	o 8		5.23	0.26

#### Remarks :-

- 1 The Standards used for calibration is traceable to National & International standards.
- 2 The Calibration due date should be determined based on the user's requirement.
- 3 This certificate relates only to the item calibrated.
- 4 This certificate shall not be reproduced except in full, unless written permission of Quality Manager (Calibration Lab).
- 5 Uncertainty is Calculated at 95.45% confident level with coverage factor k=2.
- 6 The given measured values are average of 5 readings.
- 7 UUC: Unit Under Calibration.

\*\* End Of Certificate\*\*

Calibrated by

N.Sridhar

Calibration Engineer

Approved by

Managing Partner



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### **CALIBRATION CERTIFICATE**

ULR-CC233824000020226F SCS/FQ-014

Job No.		: SCS/S-2549			Page 1 of 1
Certificate N	Vo	: SCS/10-24/25	49-02	Date of Issue	: 18-10-2024
Date of Cali	ibration	: 16-10-2024		Cal. Due Date	: 15-10-2025
Customer I	<b>Details</b>	:			
M/s.Star Dia	agnostics.,			Calibrated at	: Site
Opp Sundha	raiah Bhavan,			Received Date	: 16-10-2024
Sundharaiah	Bhavan Road	, Ongole-523002		Received Cond.	: Good
Details of U	UC:				
Description		: Refrigerator		Model	: RR26
Make		: Samsung		Sr.No	: RR26T389YDX/HL/2020
Range		: 2 to 8°C			
Resolution		: NA			
Detail of Sta	andard Instru	ment Used:			
Name			ID. No.	Valid upto	Certificate No.
1."3" Wire R	RTD With Digi	tal Indicator	SCS/T/01	01-12-2024	TL/023/1360.1.1
Procedure		: WI- ST01		Ref Std	: DKD-R-5-7
	ntal Details	: Temperature :	20°C to 25°C	Relative	Humidity : 40 % to 70%
CALIBRATION RESULTS					
CN	UUC '	Value	Stand	dard Value	Expanded Uncertainty (±)
S.No.	(° (	C)		(° C )	(°C)
1	2 to	0 8		5.35	0.26

#### Remarks :-

- The Standards used for calibration is traceable to National & International standards. 1
- 2 The Calibration due date should be determined based on the user's requirement.
- 3 This certificate relates only to the item calibrated.
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- 5 Uncertainty is Calculated at 95.45% confident level with coverage factor k=2.
- The given measured values are average of 5 readings. 6
- 7 UUC: Unit Under Calibration.

\*\* End Of Certificate\*\*

Calibrated by

N.Sridhar **Calibration Engineer** 

Approved by

Managing Partner

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### **CALIBRATION CERTIFICATE**

SCS/FQ-014

ULR-CC233824000020227F

Job No.	: SCS/S-2549	Page	: 1 of 2
Certificate No.	: SCS/10-24/2549-03	Date of issue	: 18-06-2024
Date of Calibration	: 16-10-2024	Cal.Due Date	: 15-10-2025

Customer Details

M/s.Star Diagnostics., Calibrated at. : Site

Opp Sundharaiah Bhavan, Received Date. : 16-10-2024

Sundharaiah Bhavan Road, Ongole-523002. Received Cond.: Good

**Details of UUC:** 

Description : Centrifuge

Make : Euro Diagnostic System Sr.No. : 202005201-12

Range : 0 to 4000 RPM & 0 to 99 mins

Resolution : 10 RPM & 1min

Details of Standard Instruments Used:

 Name
 ID.No
 Valid up to
 Certificate No.

 1.Digital Tachometer
 SCS/P/29
 04-11-2024
 SCS/11-23/2516-02

 2.Pro- Digit Timer
 SCS/E/07
 07-12-2024
 SCS/12-23/2820-03

Procedure : WI-SP04, WI-SE07 Ref. Std. : SANAS-TR-45-01, MSL Technical Guide 8

**Environmental Details**: Temperature:  $30^{\circ}\text{C} \pm 5^{\circ}\text{C}$  Relative Humidity:  $60 \% \pm 15\% \text{ RH}$ 

## CALIBRATION RESULTS

CALIBRATION RESULTS					
FUNCTION TESTED	STANDARD VALUE	UUC VALUE	ERROR	EXPANDED UNCERTAINTY(±)	
RPM	кРМ	RPM	RPM	RPM	
	500.2	500	-0.2	3.4	
	1001	1000	-1.0	3.4	
	1501	1500	-1	3.4	
	2002	2000	-2	3.4	
	3002	3000	-2	3.4	
	4003	4000	-3	3.4	
TIME	min	min	min	sec	
	5.02	5	-0.02	0.23	
	30.03	30	-0.03	0.39	
	60.03	60	-0.03	0.39	
	90.04	90	-0.04	1.75	

Calibrated by

N.Sridhar

Calibration Engineer

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Approved by

A.NageWara Rao Managing Partner







# 12-10-335/3/A, S1 & S2, Nomula Laxmi Residency, Seetaphalmandi, Secunderabad - 500 061.





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### **CALIBRATION CERTIFICATE**

ULR-CC233824000020227F

Job No.	: SCS/S-2549	Page	: 2 of 2
Certificate No.	: SCS/10-24/2549-03	Date of issue	: 18-06-2024
Date of Calibration	: 16-10-2024	Cal.Due Date	: 15-10-2025

#### Remarks :-

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- 6 The given measured values are average of 5 readings.
- 7 UUC: Unit Under Calibration

\*\* End Of Certificate\*\*

Calibrated by

aug)

N.Sridhar Calibration Engineer

Approved by

A.Nagerwara Rao Managing Partner



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