



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 05954F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	240824.3	DT - 24 / 08 / 2024		ULR No.	CC2646240000 05954F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	24.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	23.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / Sl.No.	Party ID / Location
1	Dig. Thermo Hygrometer	-10 to 50 °C 10 to 99 % RH	0.1 °C / 1 % RH	----- -----	KDPBKPHMTM02 Hematology

### Standard Equipments Used ( Traceable to National Standard )

Sl	Instrument Name	Make/Sl.No	Calibrated At	Cal Certificate No	Cal. Valid Upto
1	Dig.Temp. & Humidity Ind. With sensor	Polltech 5019/20275542	Belz	30077505	07/02/2025
2	Humidity Chamber	Indecon / -----	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. & RH Measurement	56 % RH	25.7 °C	Laboratory

### Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL/ CP / 02 Section No - CPTH - 07

Calibration Points :- Temp. 15, 30 & 45 °C      Relative Humidity 40, 60 & 80 % RH

### Calibration Results ( Temperature at 50 % RH )

Sl. No.	Master Value on Std. ( In °C )	UUC Value ( In °C )	Error ( In °C )	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± ( °C )
1	15.07	15.2	0.13	0.46
2	30.09	30.3	0.21	0.46
3	45.14	45.5	0.36	0.46

### Calibration Results ( Humidity at 25 °C )

Sl. No.	Master Value on Std. ( In % RH )	UUC Value ( In % RH )	Error ( In % RH )	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± (%RH)
1	40.06	41	0.94	1.57
2	60.08	61	0.92	1.57
3	80.11	81	0.89	1.57

### Note

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----- End of Certificate -----



*[Signature]*  
Calibrated by

Approved by  
*[Signature]*  
Anand Chaurasia  
(CEO)



# AACPL CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 05953F	Field	Thermal	Group	Temp. & RH	Page No.	1 of 1
SRF No & Date	240824.3	DT - 24 / 08 / 2024		ULR No.	CC2646240000 05953F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	24.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	23.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Dig. Thermo Hygrometer	-10 to 50 °C 10 to 99 % RH	0.1 °C / 1 % RH	----- -----	KDPBKPCCTM01 Clinical Chemistry

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI.No	Calibrated At	Cal Certificate No	Cal. Valid Upto
1	Dig.Temp. & Humidity Ind. With sensor	Polltech 5019/20275542	Belz	30077505	07/02/2025
2	Humidity Chamber	Indecon / -----	-----	-----	-----

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
Comparison Method	Temp. & RH Measurement	54 % RH	25.5 °C	Laboratory

### Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL/ CP / 02 Section No - CPTH - 07

Calibration Points :- Temp. 15, 30 & 45 °C      Relative Humidity 40, 60 & 80 % RH

### Calibration Results ( Temperature at 50 % RH )

SI. No.	Master Value on Std. ( In °C )	UUC Value ( In °C )	Error ( In °C )	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± ( °C )
1	15.07	14.9	-0.17	0.46
2	30.09	29.8	-0.29	0.46
3	45.14	44.6	-0.54	0.46

### Calibration Results ( Humidity at 25 °C )

SI. No.	Master Value on Std. ( In % RH )	UUC Value ( In % RH )	Error ( In % RH )	Uncertainty at approx 95% confidence Level and coverage factor k =2 is ± (%RH)
1	40.06	40	-0.06	1.57
2	60.08	60	-0.08	1.57
3	80.11	80	-0.11	1.57

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*[Signature]*  
Calibrated by

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Anand Chaurasia  
(CEO)



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## CALIBRATION CERTIFICATE

7.8F-01



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Certificate No	AACPL / 05952F	Field	Mech.	Group	Volume	Page No.	1 of 1
SRF No & Date	240824.3	DT - 24 / 08 / 2024		ULR No.	CC2646240000 05952F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	24.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	23.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Micro Pipette	20 to 200 µl	1 µl	Dragon Lab YE222AX0047966	KDPBKPMMMP03 Hematology

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Weighing Balance	Radwag / 668683	Bluebox Techno	BBT/744/JAN/24	04/03/2025

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
ISO - 8655 - 6 - 2022	Volume Measurement	56 %RH	23.7 °C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 01C, Section No : CP - 03

### Calibration Result

S. No	Nominal Value on UUC (in µl)	Average Volume at 27 °C (in µl)	Error (in µl)	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ (in µl)
1	20	20.10111	-0.10111	0.25
2	100	100.33569	-0.33569	0.25
3	200	200.78698	-0.78698	0.25

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----- End of Certificate -----

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Anand Chaurasia  
(CEO)



# A A CALIBRATION PVT. LTD.

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Certificate No	AACPL / 05951F	Field	Mech.	Group	Volume	Page No.	1 of 1
SRF No & Date	240824.3	DT - 24 / 08 / 2024		ULR No.	CC2646240000 05951F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	24.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	23.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Micro Pipette	5 to 50 µl	0.5 µl	Dragon Lab YE224AX0237809	KDPBKPCOMP02 Clinical Chemistry

### Standard Equipments Used ( Traceable to National Standard )

Sl	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Weighing Balance	Radweg / 668683	Bluebox Techno	BBT/744/JAN/24	04/03/2025

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
ISO - 8655 - 6 - 2022	Volume Measurement	53 %RH	23.8 °C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 01C, Section No : CP - 03

### Calibration Result

S. No	Nominal Value on UUC (in µl)	Average Volume at 27 °C (in µl)	Error (in µl)	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ (in µl)
1	20.0	19.99858	0.00142	0.25
2	30.0	29.99737	0.00263	0.25
3	50.0	49.99696	0.00304	0.25

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----- End of Certificate -----

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# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 05950F	Field	Mech.	Group	Volume	Page No.	1 of 1
SRF No & Date	240824.3	DT - 24 / 08 / 2024		ULR No.	CC2646240000 05950F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	24.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	23.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

Sl	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Micro Pipette	100 to 1000 µl	5 µl	Dragon Lab YE225AX0315472	KDPBKPCOMP01 Clinical Chemistry

### Standard Equipments Used ( Traceable to National Standard )

Sl	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Weighing Balance	Radwag / 668683	Bluebox Techno	BBT/744/JAN/24	04/03/2025

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
ISO - 8655 - 6 - 2022	Volume Measurement	52 %RH	23.4 °C	Laboratory

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 01C, Section No : CP - 03

### Calibration Result

S. No	Nominal Value on UUC (in µl)	Average Volume at 27 °C (in µl)	Error (in µl)	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ (in µl)
1	100	99.95891	0.04109	0.25
2	500	499.82973	0.17027	0.25
3	1000	999.68760	0.31240	0.25

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- UUC - Unit under calibration

----- End of Certificate -----

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Anand Chaurasia  
(CEO)



# A A CALIBRATION PVT. LTD.

## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 05929F	Field	Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	240823.2	DT - 23 / 08 / 2024		ULR No.	CC2646240000 05929F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	23.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	22.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No	Party ID / Location
1	Refrigerator	2 to 8 °C	1 °C	Trufrosrt ASO3-230002-4	KDPBKPCCRF02 Clinical Chemistry

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Gwinstek EL 160577	AACPL	AACPL/05131F	09/07/2025
2	RTD (4 Wire) Pt-100	Tempsens/ 115	AACPL	AACPL/07063F	27/09/2024

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
DKD-R5-7	Temp. Measurement	58 %RH	27.6 °C	Site

### Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL / CP / 02, Section No : CPTH - 09

Calibration Points :- 2, 5 & 8 °C

### Calibration Results

SI No.	Master Value	UUC Value	Error In °C	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ ( °C )
	In °C	In °C		
1	2.05	3	0.95	0.65
2	5.07	6	0.93	0.65
3	8.12	10	1.88	0.65

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- 4 UUC - Unit under calibration
- 5 Temperature Scale: International Temperature Scale Of 1990 (ITS-90)

----- End of Certificate -----

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Anand Chaurasia  
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## CALIBRATION CERTIFICATE

7.8F-01



CC - 2646

Certificate No	AACPL / 05928F	Field	Thermal	Group	Temp.	Page No.	1 of 1
SRF No & Date	240823.2	DT - 23 / 08 / 2024		ULR No.	CC2646240000 05928F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	23.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	22.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No	Party ID / Location
1	Refrigerator	2 to 8 °C	1 °C	Haier BEE/HAI/50/08	KDPBKPCR01 Clinical Chemistry

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Digital Multimeter	Gwinstek EL 160577	AACPL	AACPL/05131F	09/07/2025
2	RTD (4 Wire) Pt-100	Tempsens/ 115	AACPL	AACPL/07063F	27/09/2024

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration Performed At
DKD-R5-7	Temp. Measurement	57 %RH	27.4 °C	Site

### Calibration Procedure

Comparison With Standard Sensors as per Calibration Procedure Manual AACPL / CP / 02, Section No : CPTH - 09

Calibration Points :- 2, 5 & 8 °C

### Calibration Results

SI No.	Master Value	UUC Value	Error In °C	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ ( °C )
	In °C	In °C		
1	2.05	2	-0.05	0.65
2	5.07	5	-0.07	0.65
3	8.12	8	-0.12	0.65

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- UUC - Unit under calibration
- Temperature Scale: International Temperature Scale Of 1990 (ITS-90)

----- End of Certificate -----



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Anand Chaurasia  
(CEO)



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## CALIBRATION CERTIFICATE

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CC - 2646

Certificate No	AACPL / 05927F	Field	Mech.	Group	Speed	Page No.	1 of 1
SRF No & Date	240823.2	DT - 23 / 08 / 2024		ULR No.	CC2646240000 05927F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	23.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	22.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Centrifuge M/c.	0 to 5000 RPM	100 RPM	Weswox Optik 76941	KDPBKPCCN03 Clinical Pathology

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Dig. Tachometer	Line Seiki / -----	AACPL	AACPL / 06363F	31/08/2024

Reference Standard	Calibration Purpose	Humidity	Start Temp.	End Temp.	Cal. Performed At
IS : 12508 - 2018	RPM Measurement	54 %RH	24.3 °C	24.7 °C	Site

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 01B, Section No : CP - 08

### Calibration Result

SI	Calib. Gauge Value	Master Gauge Value	Error	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ (in RPM)
	UUC ( in RPM )	( in RPM )	( in RPM )	
1	100	100.5	-0.5	57.75
2	500	500.8	-0.8	57.75
3	1000	1001.3	-1.3	57.75
4	3500	3501.7	-1.7	57.77
5	5000	5002.4	-2.4	57.77

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# AACPL CALIBRATION PVT. LTD.

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7.8F-01



CC - 2646

Certificate No	AACPL / 05926F	Field	Elec.Tech.	Group		Page No.	1 of 1
SRF No & Date	240823.2	DT - 23 / 08 / 2024		ULR No.	CC2646240000 05926F		
Calibration Method :	Direct Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	23.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	22.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Dig. Timer	0 to 99 min	1 min	Remi ZHIN-37505	KDPBKPCCN02 Clinical Chemistry (Centrifuge M/c)

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Dig. Time Interval Calibrator	Voltagram / 230014	VTC	CC360623000002157F	18/10/2024

Reference Standard	Calibration Purpose	Humidity	Temperature	Calibration performed At
NIST 960 - 12	Time Measurement	55 % RH	26.5 °C	Site

**Calibration Procedure :** As per Calibration Procedure Manual AACPL / CP / 03, Section No : CPET - 02

### Calibration Result

SI	Selected Range ( In s )	Average Read. (Std.) ( In s )	Average Read. ( UUC ) ( In min )	Error ( In s )	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$
1	600	599.99984	10	0.00016	34.64 s
2	1800	1799.99869	30	0.00131	34.64 s
3	3600	3599.99823	60	0.00177	34.64 s
4	5400	5399.99772	90	0.00228	34.64 s

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Certificate No	AACPL / 05925F	Field	Mech.	Group	Speed	Page No.	1 of 1
SRF No & Date	240823.2	DT - 23 / 08 / 2024		ULR No.	CC2646240000 05925F		
Calibration Method :	Comparison Method			Accuracy			
Company Name	M/s Krsnaa Diagnostics Ltd.			Calibration Date	23.08.2024		
Address	Inside Civil Hospital Kapurthala (P.B)			Recommended Date for Next Calib.	22.08.2025		
				Certificate Issue Dt.	27.08.2024		
				UUC Condition	Good		

### Calibration Instrument Detail

SI	Instrument Name	Range	Least Count	Make / SI.No.	Party ID / Location
1	Centrifuge M/c.	0 to 6000 RPM	10 RPM	Remi ZHIN-37505	KDPBKPCCN02 Clinical Chemistry

### Standard Equipments Used ( Traceable to National Standard )

SI	Instrument Name	Make/SI No	Calibrated By	Cal Certificate No	Cal. Valid Upto
1	Dig. Tachometer	Line Seiki / -----	AACPL	AACPL / 06363F	31/08/2024

Reference Standard	Calibration Purpose	Humidity	Start Temp.	End Temp.	Cal. Performed At
IS : 12508 - 2018	RPM Measurement	56 %RH	24.5 °C	24.9 °C	Site

Calibration Procedure : As per Calibration Procedure Manual AACPL / CP / 01B, Section No : CP - 08

### Calibration Result

SI	Calib. Gauge Value	Master Gauge Value	Error	Uncertainty at approx 95% confidence Level and coverage factor $k = 2$ is $\pm$ (in RPM)
	UUC ( in RPM )	( in RPM )	( in RPM )	
1	100	100.3	-0.3	5.88
2	500	500.5	-0.5	5.88
3	1000	1000.7	-0.7	5.88
4	3500	3501.1	-1.1	6.15
5	5000	5001.4	-1.4	6.15

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