	The second of th		Certificate No.: CC-2890	302000003499F Page 01 of 02		Calibrated by: Rupesh Bhamare , MIDC Satour, Nashik - 4:2 007.	l W110823 Inntito 261 Universal			Calibrated by with NABL certificate number	Mettler I oledo, Mumbai (CC-2523) Autocal, Nashik (CC-2052)	nes of the ISO 8655-6 standard. The device nts. conversion is done using the Z factor conversion is done using the Z factor consign the Y factor. With variable volume the range (the higher value is used) are ach calibrate volume. m. The environmental conditions of the age factor k = 2. ing the guidelines of ISO/TR 20461.	wer Scientific	CALIBRATION 4 LAB LAB San CALIBRATION 4 LAB San CALIBRATION 4 LAB
				ber: CC26		lboratory, D-96	channels: 1 al number: F Tip used: F	asset ID:		due date	06/10/21	vs the guidelli 96 requireme 1355 / volume 1355 / volume 1356 / volume 1357 / volume 1		* Lhermo K
		ndia.	Corti	Report) num		20/10-01 - Calibration La	Number of Seria	Customer's Air Relative Humidi orrection factor	<u>idards):</u> Colit <u>ations</u>	date 13/11/19	07/10/20	boratory follow fulfiling ISO 360 fulfiling ISO 360 for K = K). The in forence temp of the minim ements are pe tements are pe the temperation and uncertainty ab internal pro	Ē	28/10/20 Date
	ġ	I by NABL, I	ation	(Unique Lab	ivision, Nashik	der number: India Pvt. Ltd.			national star	number XP26PC	2590-4AS	r calibration la avaer fr. ul/mg) × Y ((1) - ul/mg) × Y ((1) - respond the ro- respond the ro- nominal volum. 1. Ten measure to reach the stands is defined by it is defined	ie). PASS	
	India Pvt. Li ashik-422 007	ratory accredited	Calibra	9 A ULR	ry Health Centre a Pvt. Ltd., Pipette D	10/20 Lab work or ermo Fisher Scientific request): 28/10/21	npipette F3 10-100µl 0040 rmo Fisher Scientific	3 °C 5 °C	Vational and Inter	number B115129039	H19070544	01) of Thermo Fishe used test liquid is di used test liquid is di (Lul) = m(mg) x Z (L are converted to zo (t are converted to zo (the are converted to zo (the are converted to zo (the normality are converted obtained by multiply uncertainty budget i	<u>pplied Decision ru</u>	Pramod Jadhav
L	cientific ry Satpur, N	i721 hermofishe ration labo		r: 349(cer spital / Primar šcientific Indi	date: 28/1 cation: The Customer's r	iption: Finr Imber: 464 cturer: The	ature: 26.3: ture: 26.15 mg): 1.004	ceable to h	QP-01	QP-10	(LD-03/WI-C t liquid. The ng formula: V ined results ominal volum the nominal n laboratory during the c during the c uncertainty of 95%. The	<u>sidering ap</u>	Ë
ThermoFishel	Thermo Fisher Sc Calibration Laborator D-96, MIDC, C Road, 3 Maharashtra, India	Tel. No.: +91-253-2205 E- <i>mail: pramod jadhav@t</i> ISO/IEC 17025:2017 calibi		Calibration certificate number	Customer: The Medical Offic Government Hos Tamiliadu Through: Thermo Fisher S Calibration details:	Calibration and Certificate issue Calibration loc Next calibration date (as per Device information:	Descr Catalogue nu Manufac	Environmental condition: Air Tempera Water Tempera Z correction factor (µl/r	<u>Master equipment details (Tra</u>	Micro Balance (Mettler Toledo)	Universal measuring instrument with sensors for environmental parameters (Almemo)	assurement procedure: pipette calibration work instruction alibrated for delivery (Ex) of the test culations are done using the followin nex A in EN ISO 8655-6). The obtait fors normal volume 50 % of the nt fors normal volume 50% of the nt instaet. With fixed volume devices, test device is held at the calibration oratory are monitored and recorded e stated uncertainty is the expanded is corresponds the confidence level (<u> Jevice conformity status (con</u>	Calibration Laboratory Manage (Signature and Date)

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Calibration Certificate

Calibration certificate number:

ULR (Unique Lab Report) number: CC26902000003499F A

Page 02 of 02

Result summary and verification:

Result summary and verification: The systematic error (A) and the random error (s) of the volumetric device are compared to ISO 8655-2:2002 (E) acceptance specifications. The expanded measurement uncertainty (U) is accounted, when assessing the status (PASSED or FAILED).

Applied Decision rule: PASSED means Systematic error (A) + Expanded measurement uncertainty (U) < ISO 8655-2 specification (A) FAILED means Systematic error (A) + Expanded measurement uncertainty (U) > ISO 8655-2 specification (A)

Volume	Mean volume	Α						
(µI)	(µl)	(µI)	Specification A (±ul)	Status	S	ISO 8655-2 Specification	Status	U
10 µl	9.95	-0.05	0.0.1		(4)	s (±µl)	0.0103	(±1
50 ul	10.00	0.00	0.8 μι	PASSED	0.03	0.3 μΙ	PASSED	
50 µi	49.96	-0.04	0.8 μl	PASSED	0.00		TASSED	0.0
100 µl	100.14	0.14	0.0.1		0.09	0.3 μΙ	PASSED	0.08
			0.8 μΙ	PASSED	0.07	0.3 µl	PASSED	-

Measurement results:

Number of	Channel 1 (Volume)					
measurements	10 µl	50				
1	9.98	50 µi	100 µl			
2	0.02	49.75	100.18			
3	9.93	49.91	100.13			
4	9.99	49.96	100.04 100.13 100.14			
4	9.94	49.96				
5	9.98	49.92				
6	9.95	50.01	100.14			
7	9,90	40.09	100.25			
8	9.94	49.90	100.01			
9	0.04	50.12	100.18			
40	9.91	50.02	100.20			
10	9.97	49.94	100.18			

3499

Comments: .

Device conformity status (considering applied Decision rule): PASSED

Calibration Laboratory Manager: (Signature and Date)

Pramod Jadhav

28/10/20 Date



LF-21 Rev.02

----- End of certificate -----