

ROOTS METROLOGY & TESTING LABORATORY

(A Division of Roots Industries India Limited)





156, Bommasandra Industrial Area, Bommasandra, Jigani Link Road, Anekal Taluk, Bangalore - 560 099, Mobile : 97900 14066, E-mail : blrmetlab@rootsemail.com

CALIBRATION CERTIFICATE

	7		5	ULR-CC2782210300	01784F			
Certificate No.: BRMTL/01/521100006-A2-A			Date of Issue	: 03-04-2021	: 03-04-2021			
Name and address of the Customer			Date of Receipt of Ite	n : 02/04/2021				
M/s. Alpha Lifecare			Date of Calibration	: 02/04/2021				
No 17, Ba	ashyam Street,	•	Calibration Due	: 01/04/2022				
Manjakuppam, Cuddalore - 607001			(As Per Customer Rec	quest)	: Mail Confirm # 31.03.2021			
			Customer Reference	Wasting Committee of the Committee of th				
1. DESCI	RIPTION OF DEVIC	CE UNDER CALIBRATIC	ON (DUC)					
CT ET. TO TO STATE SECTIONS	the DUC :1	ELECTRICAL SAFETY Hematology Analyser)	Receiving Condition of	f DUC : Satisfactory				
Identifica	ation :	-	Reference Document	: As Per Manufa	cturer			
SI.No.	: '	ГК - 69001460		Specification				
Make	:1	Mindray	Cal. Procedure Ref. No. : BRMTL/WI/418					
Model		BC - 20S	Environmental Condi	Environmental Condition : Temp : 24.5°C / RH : 58%				
Location		Biochemistry	Calibrated at	rated at : Onsite				
2. DETA	ILS OF MASTER U	SED						
Standard	d Instrument Used	Make / Model	SL. No. / ID No.	Traceable To / Certificate No.	Validity			
Electrica	al Safety Analyzer	Rigel Medical / 288+	48K-0413 BRMTL-315	ACCS201093	12.09.2021			
The Mass	ters are traceable to	National / International sta	andards as per ISO/IEC	17025				
FIELD -	MEDICAL DEVICE	S						
	a a section	Cal	ibration Results					
3. VISUA	AL INSPECTION		4					
		n	5/nco	Rem	arks			
SL. No.		Description	3 n	Pass	Fail			
1	Device Clean and Decontaminated			√				
2	Physical damage	√						
3	Power cord check	√						
4	Display intensity adequate for day time use			√				
5	Alarm Function		8 H	√				

CALIBRATED BY (CALIBRATION ENGINEER	AUTHORIZED BY (QM/TM/DY.TM/Sr Br)	AND THE RESERVE OF THE PARTY OF	
PAF-	0	This Report refers only to the sample submitted and may not be reproduced in full or in part, without written permission from Quality Manager Roots Metrology & Testing Laboratory, Bangalore.	
DHANARAJA V	KAMALAKANNAN R	20	01 of 02

* NEXT CALIBRATION DUE AS PER CUSTOMER'S PLAN AND REQUIREMENT



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CALIBRATION CERTIFICATE

Cermica	ate No. : BRMTL/01/52110	0000-712-71			
4 BL EC	WEDLCAT CARROW	*			
1-11	CTRICAL SAFETY				*
4.1 INSU	ULATION TEST	T	2 V		
SL. NO.	Specification	Measured Value (MΩ)	Allowable Limit (ΜΩ)	Uncertainty ± (%)	Remarks
1	Mains to Protective Earth	>100	>2	8.1	Pass
4.2 EAR	TH LEAKAGE	9	A 90	E	
SL. NO.	Specification	Measured Value (μA)	Allowable Limit (μA)	Uncertainty ± (%)	Remarks
1	Normal Condition	122	<5000	8.21	Pass
2	Open Neutral (SFC*)	482	<10000	8.21	Pass
4.3 ENC	CLOSURE LEAKAGE				
SL. NO.	Specification	Measured Value (μA)	Allowable Limit (μA)	Uncertainty ± (%)	Remarks
1	Normal Condition	31	<100	8.21	Pass
2	Open Neutral (SFC*)	67	<500	8.21	Pass
			F3 6 23		
5. REMA				30.7	
1. The ca	alibration results reported	corresponds to the p	particular item mentione	d above.	W.
2. This C	Certificate refers to the value	ies obtained at the t	ime of calibration and un	der the above sta	ited conditio
	alibrations are done in SI u				
ISO/IEC		пиз апо аге тгасеар	ie to ivanonanimiernano	nai stanuai us as i	equired in
TO THE TAXABLE PROPERTY.	ficate will not be reproduce	d except in full with	out the written approval	of the Laborator	у.
4. Certif			s the standard uncertain		
	enoried uncertainty of mea		(1877-1877) 영어 (1874-1876) 이 아크리스 (1875-1876) 이 아크리스 (1875-1876)	•	and the second second
5. The re	eported uncertainty of mea overage factor k=2, which i	or a normal distrib	ation corresponds to a co	verage probabilit	y 95.45%.

			77 34 3			ref.	
CALIBRATED BY	(CALIBRATION ENGINEER)	AUTHORIZED BY	(QM/TM/DY.TM/Sr.Et)	This Report refers only to th			
DHANARAJA V		KAMALAKANNAN R		submitted and may not be reproduced in full or in part, without written permission from Quality Manager Roots Metrology & Testing Laboratory, Bangalore.		02 of 02	
Calibration	White: Calibrated		Green : Accepted	- Valid for use	* NEXT CA	ALIBRATION DUE AS	
Label / Status:	Yellow: Limited use (Ref	er report)	Red : Rejected-(Out of use (Refer report)		TOMERS PLAN AND EMENT	
FORM#BRMTL	/FT/54:10.04.2019						



Label / Status:

FORM#BRMTL/FT/61:10.04.2019

Yellow : Limited use (Refer report)

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CALIBRATION CERTIFICATE

Certificate No.: BRMTL/01/521100006-A2-B			Date of Issue			: 03-04-2021		
Name and address of the Customer			Date of Receip	atc of Receipt of Item : 02/04/2021				
M/s. Alpha Lifecare			Date of Calibr	ration		: 02/04/2021	140	
No 17, Bashyam Street,			Calibration Due : 01/04/2022				*	
Manjakuppam, Cuddalore - 607001			(As Per Custo	mer Re	equest)			
			Customer Ref	Customer Reference			# 31.03.2021	
		ace indep	CALIBRATIO	N (DUC)				
1. DESCRII	PTION OF DEV	: ELECTRICA	A Direction of the Control of the Co		3147	EDUC	. Caticfactors	
i i i i i i i i i i i i i i i i i i i			ology Analyser)		Condition of DUC : Satisfactory			
Identification	on .	:		Reference Do	cument			
Sl.No.		: TK - 6900146	50		Specification			(E)
Make		: Mindray		Cal. Procedur	re Ref.	. No. : BRMTL/WI/418		
Model		: BC - 20S		Environmenta	al Cond	lition	: Temp : 24.5°C	C/RH:58%
Location		: Biochemistry		Calibrated at			: Onsite	
g 1000000000000000000000000000000000000								
2. DETAIL	S OF MASTER	USED	100					
Standard	d Instrument Used		e / Model	SL. No. / ID	No.	NAMES OF THE PROPERTY OF THE PARTY.	To / Certificate No.	Validity
		Rigel M	edical / 288+	48K-0413 BRMTL-315		ACC	CCS201093 12.09.202	
-0-1	1.1	4. National / I	ntamational etc	andards as per IS		17025		
			nternational sta	andards as per 15	OILEC	17020		
FIELD - M	IEDICAL DEVI	CES	C-1	bration Results				
			Can	bration Results				
	RICAL SAFET	THE SHAPE OF CONTRACTORS				4		
3.1 LOAD	TEST (MAINS	VOLTAGE)				Allowable	Rem	arks
SL. No.	Specificati	on	Measure	ed Value (V)	1250	Limit (V)	Pass	Fail
1	Live to Neu	utral		229		230±10%	1	
	Neutral to E			0	10	<3	1	
3	Live to Ea			229	230±10%		√ .	
3	Dive to na	i eti		441			*	
4. REMAR	RKS							
The will account to the Control of the Control	3 V (201 A PO) 1	reported corre	sponds to the n	articular item me	entione	d above.	F & F	
1. The call	utificate unfount	o the value of	tained at the ti	me of calibration	and or	der the abo	ve stated conditi	ions.
2. This Cel	huntions and de-	o the values of	nd are traceabl	le to National/Into	ernatio	nal standard	ls as required in	
ISO/IEC/1		ie iii oi uiiiis a	ina are traceabl	S TO I MILY MILE THE				
IBO/IBC/I								
LIBRATED BY	(CALIBRATION EN	GINEER) AUTH	HORIZED BY (QM	/TM/DY.TM/Sr.Er) This	s Repor	t refers only	to the sample	
	V-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1			subi		(177)	eproduced in full	
			i e				permission from	
	Att.		Q			anager Roots eratory, Bangal	Metrology &	
DHANARAJA V			KAMALAKANNAN R		mig Lau	natory, trangar	0.10.	01 of 01
DIT	ENZERGIOTE V			201				
libration	White : Calibra	ited	✓ Gr	reen : Accepted - Vali	id for us	• <u> </u>		LIBRATION :

Red : Rejected-Out of use (Refer report)

REQUIREMENT