

CALIBRATION CERTIFICATE

Calibration of the **LIFOTRONI H9 HBA1C** (HPLC Analyzer) has been carried out as per the recommendations of the principle company **SHENZHEN LIFOTRONIC TECHNOLOGY CO., LTD, China.**

Customer Name & Address: REDCLIFFE LIFETECH PVT. LTD. NEAR NEW BUS STAND FRONT OF CITY CENTER , REWA (M.P) – 486001.	Installation Date: 01-11-2022 Calibration Date: 01-11-2022 Calibration Due Date: 01-11-2023
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Serial No:	IA2B00002633
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Software Version Information:

APP Version:	01.00.03.180975(2021/08/25 10:17:301)
SYS Version:	01.00.22 - S
LIB Version:	01.00.02 - H
MCU Version:	01.00.01 -G
PCBA Version:	A1
Province	OTHER

Monitoring Information:

Test Mode	Variant
HP Pump PPS	2240
Column Temp	41
H 9 TEMP.	24.5
N.P.	65.8
ADC 415	25863
ADC 500	17609
ABS	0.0021

INSTRUMENT CALIBRATION DATAS:

Global Data:

2D Arm Settings:

X-axis	Value
Diluted	3315
1#	2120

Y-axis	Value
Top of Diluted	790
D.B.	1820
W.B.	2690

Parameter Settings:

Variant	Value
A	46
B	24
C	20
Begin	50
L_HbA1a	90
L_HbA1b	160
L_HbF	210
L_LA1c	300
L_HbA1c	450
L_HbA0	650
L_Variant	1200
L_End	1250

Fast	Value
A	0
B	50
C	6

Begin	50
L_HbA1a	110
L_HbA1b	170
L_HbF	225
L_LA1c	320
L_HbA1c	400
L_HbA0	610
L_Variant	700
L_End	850

Pressure Settings:

Parameters	Value
N.P. (%)	65
N.P.(s)	5
Pressure (Mpa) >	3
Pressure (Mpa) <	10
HP Pump (PPS)	2240

Flow cell Adjustment:

Parameters	Value
DAC_LED	1740
Gain 415	250
Gain 500	37

Reagent Setup:

Parameters	Value
Reagent Version	A1
Test Mode	Variant
Reference Line	Off

Matrix Labs. Representatives: KRISHNKANT BELIYA

Date: 01-11-2022

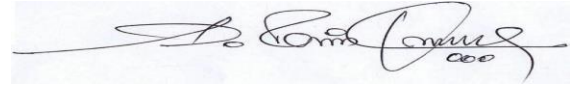
A. Performed By:

Instrument has been checked thoroughly and ensured the performance of the instrument and can be released for the routine operation.

KRISHNKANT BELIYA
(Field Support Engineer Signature & Name)

B. Verified By:

Instrument has been verified & released for the routine operation.



A. RAVIKUMAR
(G.M.-Engineering Services Signature & Name)

HbA1c

Time: 00:50:31
Date: 2023-01-10
Type: QC
Rack No.: 0001
Rack Position: 03
Sample ID: H88X220203
Running No.: 0003

HbA1c	10.7% ↑	NGSP
HbA1c	93.4mmol/mol	IFCC
eAG	14.4mmol/l	ADA
eAG	259.6mg/dl	ADA

Reference Range: 4.0%-5.8%
Operator:

Uinod

HbA1c

Time: 00:48:52
Date: 2023-01-10
Type: QC
Rack No.: 0001
Rack Position: 02
Sample ID: H85X2202203
Running No.: 0002

HbA1c	5.6% -	NGSP
HbA1c	37.7mmol/mol	IFCC
eAG	6.3mmol/l	ADA
eAG	113.6mg/dl	ADA

Reference Range: 4.0%-5.8%
Operator:

Uinod