

CALIBRATION CERTIFICATE

Calibration of the **LIFOTRONICS-H8** (HPLC Analyzer) has been carried out as per the recommendations of the principle company **SHENZHEN LIFOTRONIC TECHNOLOGY CO., LTD, China.**

Customer Name & Address: DIAGNOSTICA SPAN PVT LTD, Deccan Central, Ground Floor, No.79, 40 th Main Road, 2 nd Stage, Industrial Suburb, Yeshwanthpur, Bengaluru – 560022.	Installation Date : 20.07.2022 Calibration Date : 20.07.2023 Calibration Due Date: 19.07.2024
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Serial No:	IA2D00002507
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Software Version Information:

APP Version:	01.00.08 .139468(2021/01/15 09 15:27:48)
SYS Version:	01.00.03
LIB Version:	01.00.03
MCU Version:	01.00.01.98467
PCBA Version:	A0
Province	Other

Monitoring Information:

Test Mode	Variant
HP Pump PPS	1045
Column Temp	38
H8 Temp	37.9
N.P.	65.1
ADC 415	13050
ADC 500	4780
ABS	0.0020

INSTRUMENT CALIBRATION DATAS:

Global Data:

2D Arm Settings:

X-axis	Value
1.Diluted	325
4.10#	1790

Y-axis	Value
2.Top of Diluted	3890
3.Swab	1460
5.D.B.	8110
6.W.B.	11110

Parameter Settings:

Variant	Value
A	46
B	24
C	20
Begin	50
L_HbA1a	160
L_HbA1b	230
L_HbF	300
L_LA1c	370
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) <	12
HP Pump(PPS)	1045

Flowcell Adjustment:

Parameters	Value
DAC_LED	1820
Gain 415	255
Gain 500	120

Reagent Setup:

Parameters	Value
Reagent Version	A1
Test Mode	Variant
Reference Line	Off

Matrix Labs. Representatives:

Date: 20.07.2023

A. Performed By:

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



VENKATESH G

(Service Engineer Signature & Name)

B. Verified By:

Instrument has been verified & released for the routine operation.



A.RAVIKUMAR

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