

CALIBRATION CERTIFICATE

Calibration of the **LIFOTRONICS-H9** (HbA1cAnalyzer) has been carried out as per the recommendations of the principle company **SHENZHEN LIFOTRONIC TECHNOLOGY CO.,LTD, China.**

Customer Name& Address: KRSNAA DIAGNOSTICS LTD, C/O- REGIONAL HOSOTAL , Dholapur Rd. Kulu- HP- 175101.	InstallationDate:12-09-2022 CalibrationDate:11-09-2023 CalibrationDueDate:11-09-2024
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Serial No:	IA2B00001637
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Software Version Information:

System Version:	01.00.22-S
MCU1Version:	01.00.02-H
MCU2Version:	01.00.01-G

Monitoring Information:

Test Mode	96 Sec
HP Pressure pump stepping Value	104
Column Temp	38
H9Temp	27
N.P.	64
ADC415	25430
ADC500	17500
ADC	4216

INSTRUMENT CALIBRATION DATAS:

Global Data:

System Parameters:

2D Arm Parameters:

X-axis	Value
Rack Routine(50-200mm)	117
ST Routine(50-200mm)	149

Z-axis	Value
Blood Tube Routine(10-250mm)	117
Diluted Tube Routine(10-250mm)	48
Diluting Cup Routine(10-250mm)	200
Press Cap Routine(10-100mm)	50

Hardware Parameter Settings:

High Pressure Pump Stepping value	102
Distance from Rack Detector to 1 st Tube(0-50mm)	3
Distance Between 2 Consecutive Tubes(150-250mm)	196

Operation Parameters:

Test Mode	
Reagent Version	96 Sec
E/D/S/C Peak ABS Limit	A1
Variant Ratio Limit	50
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Elution Parameters:

Peaks	Start Time	End Time
HbA1a	7	14
HbA1b	14	18
HbF	18	23
LA1C	23	28
HbA1C	32	45
HbA0	45	90

Variant Parameters:

Peaks	Start Time	End Time
P4	90	110
HbA0	70	110
HbA2	200	239
HbE	220	238

HbD	240	259
HbS	260	289
HbC	290	310

Pressure Settings:

Parameters	Value
N.P.(%)	63
N.P.(s)	60
Pressure (Mpa)>	3
Pressure (Mpa)<	12
HP Pump(PPS)	115

Flowcell Adjustment:

Parameters	Value
DAC_LED	2215
Gain415	25430
Gain500	17600

Reagent Setup:

Parameters	Value
Reagent Version	A1
Test Mode	96s

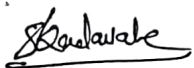
MatrixLabs.

Representatives:

Date:11-09-2023

A. Performed By:

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

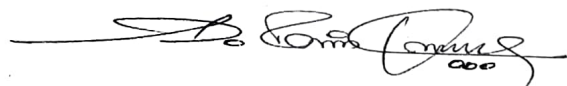


SACHIN KADAVALE

(Engineer-Customer Support Signature Name)

B. Verified By:

Instrument has been verified & released for the routine operation.



A.RAVIKUMAR

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