



BIO-RAD LABORATORIES (INDIA) PRIVATE LIMITED

Site name:	REDCLIFFE LIFETECH Pvt Ltd
Address:	Old Alwal, Hyderabad
Province-Postal code	500010
Contact Name	Mr.MD Azhar

Calibration Certificate

Date	15 July, 2023 <small>(dd mmmm, yyyy)</small>	Sampling Station Serial Number	16442
Instrument Model	VARIANT II TURBO	Chromatography Station Serial Number	16442

We hereby certify that the Bio-Rad instrument specified above and installed in your lab is calibrated today as under and the performance was found satisfactory.

High Pressure Pump-A Flow Rate Reference: Field Bulletin CSD-012 Section 6

Measured with <small>(Device manufacturer and model)</small>	Serial Number	Calibration date <small>(dd mmmm, yyyy)</small>
Glassco Measuring Cylinder Hex Base : 10 ml	11.20/2118	21 November, 2020
Specified Range @ 2 ml/minute	Measured Value	
1.96 – 2.04 mL/minute	2.0	

High Pressure Pump-B Flow Rate Reference: Field Bulletin CSD-012 Section 6

Measured with <small>(Device manufacturer and model)</small>	Serial Number	Calibration date <small>(dd mmmm, yyyy)</small>
Glassco Measuring Cylinder Hex Base : 10 ml	11.20/2118	21 November, 2020
Specified Range @ 2 ml/minute	Measured Value	
1.96 – 2.04 mL/minute	2.01	

Detector Baseline Reference Field Bulletin CSD-008

Measured with	Specified Range @ "zero 20 mV	Measured Value
CDM software: Maintain > Instrument	0.018 - 0.022mV	0.02



BIO-RAD LABORATORIES (INDIA) PRIVATE LIMITED

Column Holder temperature Reference: Field Bulletin CSD-012 Section 7

Measured with (Device manufacturer and model)	Serial Number	Calibration date (dd mmmm, yyyy)
Fluke 179	25170411	24,02.2023
Specified Range @ 35°C	Measured Value	CDM Display Value
Measured value of 34.5 – 35.5 °C and within ± 0.2°C of the CDM display value	34.9	35.0

The next calibration is due on	14.07.2024 (dd mmmm, yyyy)
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For Bio-Rad Laboratories India Pvt Limited

Authorized Signatory

A. Thulasiram

15 July, 2023	VARIANT II TURBO	16442	16442
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Bio-Rad CDM System
VII Inst. #1. SN-16442

LOW CONTROL REPORT
V2TURBO_A1c_2.0

Low Control Data

Lot Number: 85851
Expiration Date: 10/24/2024

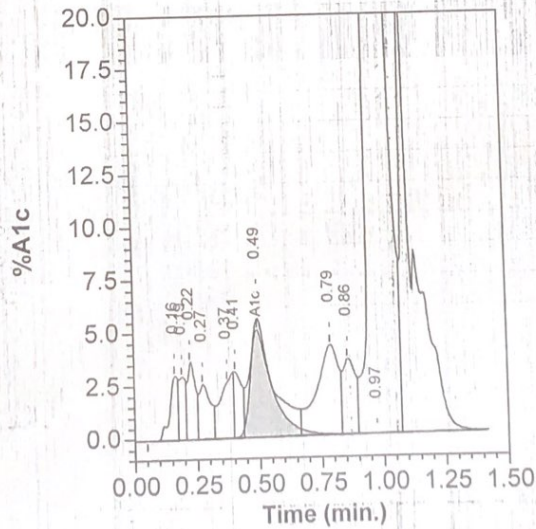
Analysis Data

Analysis Performed: 07/21/2023 10:04:09
Injection Number: 2889
Run Number: 67
Rack ID: 0001
Tube Number: 2
Report Generated: 07/21/2023 14:47:09
Operator ID:

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
A1a	---	1.0	0.161	19533
A1b	---	1.1	0.224	21561
F	---	1.1	0.273	22158
LA1c	---	1.8	0.405	36281
A1c	5.1	---	0.495	82969
P3	---	3.5	0.787	71187
P4	---	1.6	0.858	33360
Ao	---	83.8	0.972	1707419

Total Area: 2,037,558

HbA1c (NGSP) = 5.1 %



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7/21/23

Bio-Rad CDM System
VII Inst. #1. SN-16442

HIGH CONTROL REPOI
V2TURBO_A1c_2

High Control Data

Lot Number: 85852
Expiration Date: 10/31/2024

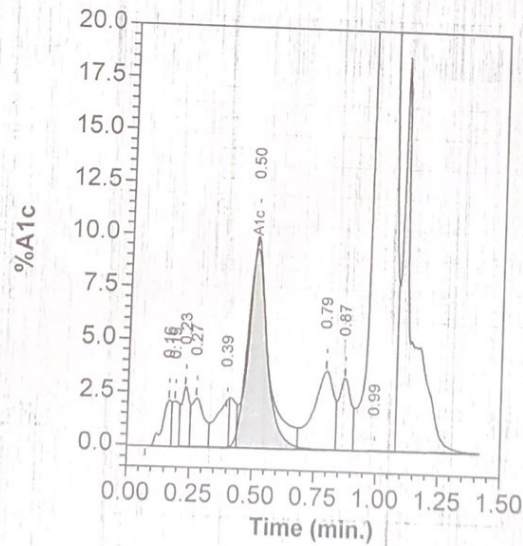
Analysis Data

Analysis Performed: 07/21/2023 10:05:46
Injection Number: 2890
Run Number: 67
Rack ID: 0001
Tube Number: 3
Report Generated: 07/21/2023 14:47:36
Operator ID:

Peak Name	NGSP %	Area %	Retention Time (min)	Peak Area
A1a	---	0.9	0.163	13865
A1b	---	0.9	0.227	15192
F	---	1.3	0.273	20882
LA1c	---	1.1	0.395	18225
A1c	9.4	---	0.504	133773
P3	---	3.3	0.793	54280
P4	---	1.9	0.867	30204
Ao	---	81.8	0.993	1331929

Total Area: 1,628,560

HbA1c (NGSP) = 9.4 %



App 21 Jul 23