

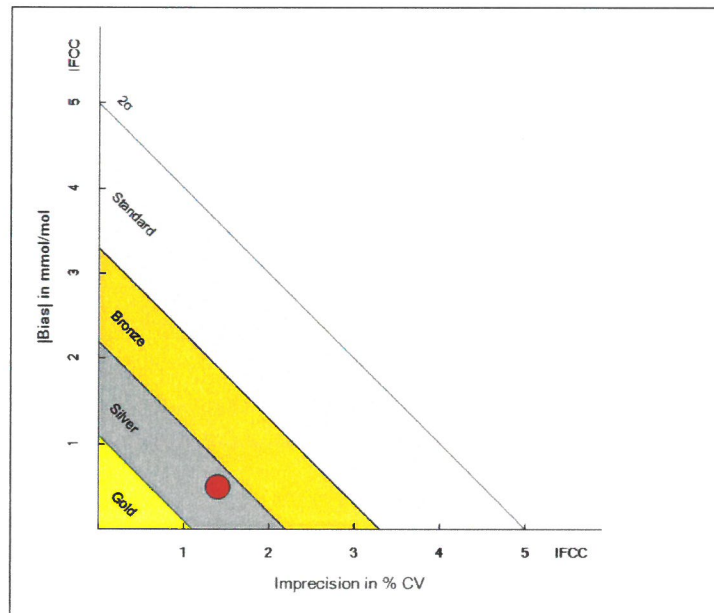
# Certificate

**Shenzhen Lifotronic Technology Co., Ltd**

using

**H8 Hemoglobin Analyzer(HPLC)**

participated in the IFCC HbA1c Certification Programme to demonstrate traceability to the IFCC Reference Measurement Procedure and performed as shown below.

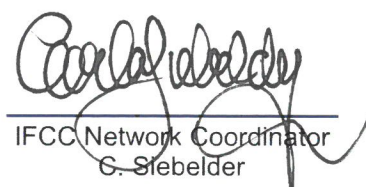


Total Error =	1.9	mmol/mol
Bias =	-0.5	mmol/mol
Imprecision =	1.4	%
Grade =	Silver	

Criteria derived from the IFCC model for Quality Targets HbA1c (Clin Chem 2015;61 : 752-59)

Date of Certification : 01 January 2024

Date of Expiry : 01 January 2025



IFCC Network Coordinator  
G. Siebelder

# Summary Analytical Performance

<b>Organisation</b>	Shenzhen Lifotronic Technology Co., Ltd
<b>Instrument</b>	H8 Hemoglobin Analyzer(HPLC)
<b>Date Of Certification</b>	01 January 2024

<b>Bias</b>	at 30 mmol/mol	-0.3	mmol/mol
	at 50 mmol/mol	-0.5	mmol/mol
	at 70 mmol/mol	-0.7	mmol/mol
<b>Imprecision</b>	CV	1.4	%
<b>Linearity</b>	r	0.9990	
<b>Total Error</b>	TE	1.9	mmol/mol

## Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	46.3	45.1	-1.2
02	43.8	42.4	-1.4
03	41.0	40.2	-0.8
04	98.3	96.0	-2.3
05	53.1	53.3	0.2
06	67.8	66.1	-1.7
07	49.1	48.2	-0.9
08	77.9	77.5	-0.4
09	34.9	34.4	-0.5
10	55.3	55.8	0.5
11	38.2	37.6	-0.6
12	67.8	66.1	-1.7
13	53.1	53.3	0.2
14	93.5	92.2	-1.3
15	57.5	58.6	1.1
16	43.8	42.4	-1.4
17	62.8	62.3	-0.5
18	31.6	31.2	-0.4
19	83.4	83.0	-0.4
20	77.9	77.5	-0.4
21	51.1	50.6	-0.5
22	72.9	72.1	-0.8
23	57.5	58.6	1.1
24	88.8	88.6	-0.2

\* Only if applicable: Blunder, excluded from the calculations