

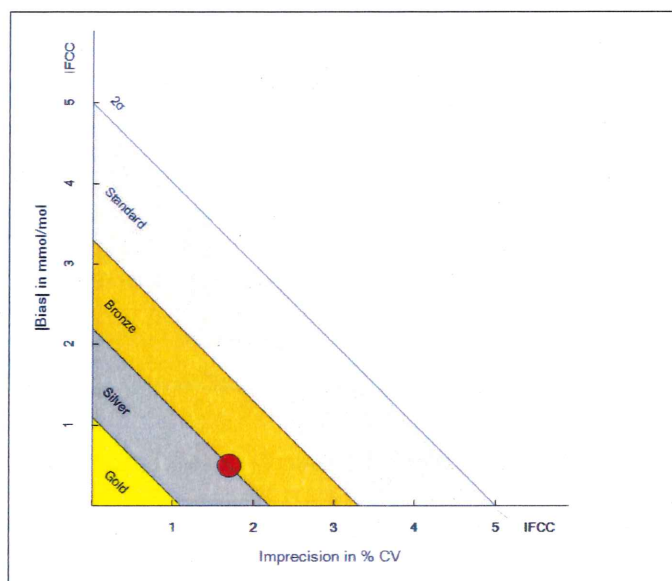
# Certificate

**Shenzhen Lifotronic Technology Co., Ltd**

using

**H9 Hemoglobin Analyzer**

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



Total Error =	2.2	mmol/mol
Bias =	+0.5	mmol/mol
Imprecision =	1.7	%
Grade =	Silver	

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

Date of Certification : 01 January 2023

Date of Expiry : 01 January 2024

  
 IFCC Network Coordinator  
 C. Siebelder

## Summary Analytical Performance

<b>Organisation</b>	Shenzhen Lifotronic Technology Co., Ltd
<b>Instrument</b>	H9 Hemoglobin Analyzer
<b>Date Of Certification</b>	01 January 2023

<b>Bias</b>	at 30 mmol/mol	1.4	mmol/mol
	at 50 mmol/mol	0.5	mmol/mol
	at 70 mmol/mol	-0.5	mmol/mol
<b>Imprecision</b>	CV	1.7	%
<b>Linearity</b>	r	0.9985	
<b>Total Error</b>	TE	2.2	mmol/mol

### Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	51.2	51.2	0.0
02	73.2	73.4	0.2
03	38.6	39.6	1.0
04	59.0	60.0	1.0
05	48.4	48.8	0.4
06	83.9	81.7	-2.2
07	56.7	57.9	1.2
08	68.3	69.0	0.7
09	31.2	30.4	-0.8
10	54.3	56.1	1.8
11	42.1	43.5	1.4
12	94.6	91.9	-2.7
13	51.2	51.2	0.0
14	98.6	97.4	-1.2
15	38.6	39.6	1.0
16	77.8	76.3	-1.5
17	63.7	64.4	0.7
18	35.0	34.9	-0.1
19	90.1	86.9	-3.2
20	52.7	53.0	0.3
21	59.0	60.0	1.0
22	68.3	69.0	0.7
23	45.8	46.7	0.9
24	77.8	76.3	-1.5

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