

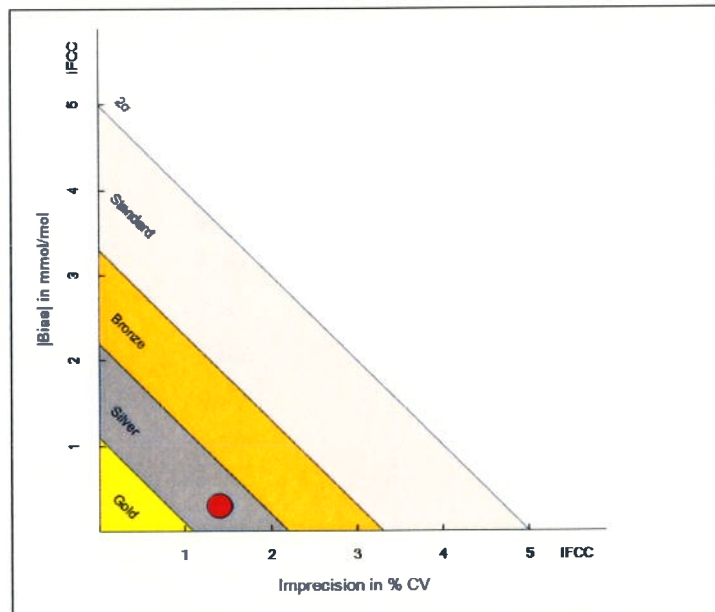
Certificate

Shenzhen Lifotronic Technology Co., Ltd

using

H9 Hemoglobin Analyzer (HPLC)

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

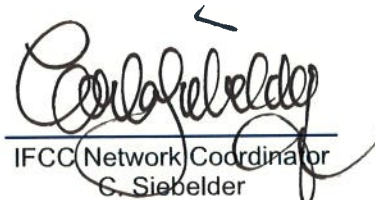


Total Error =	1.7	mmol/mol
Bias =	+0.3	mmol/mol
Imprecision =	1.4	%
Grade =	Silver	

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

Date of Certification : 01 January 2022

Date of Expiry : 01 January 2023



IFCC Network Coordinator
C. Siebelder

Summary Analytical Performance

Organisation	Shenzhen Lifotronic Technology Co., Ltd
Instrument	H9 Hemoglobin Analyzer (HPLC)
Date Of Certification	01 January 2022

Bias	at 30 mmol/mol	0.5	mmol/mol
	at 50 mmol/mol	0.3	mmol/mol
	at 70 mmol/mol	0.0	mmol/mol
Imprecision	CV	1.4	%
Linearity	r	0.9991	
Total Error	TE	1.7	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	45.2	46.1	0.9
02	42.6	43.5	0.9
03	40.3	41.9	1.6
04	96.2	96.3	0.1
05	53.5	54.7	1.2
06	66.3	65.7	-0.6
07	48.2	49.4	1.2
08	77.6	76.8	-0.8
09	34.5	34.6	0.1
10	56.1	56.5	0.4
11	37.8	37.7	-0.1
12	66.3	65.9	-0.4
13	53.5	54.5	1.0
14	92.6	93.9	1.3
15	58.8	58.3	-0.5
16	42.6	43.1	0.5
17	62.6	62.2	-0.4
18	31.4	30.6	-0.8
19	83.1	83.3	0.2
20	77.6	75.8	-1.8
21	50.9	51.7	0.8
22	72.1	71.9	-0.2
23	58.8	58.4	-0.4
24	88.7	88.3	-0.4

* Only if applicable: Blunder, excluded from the calculations