

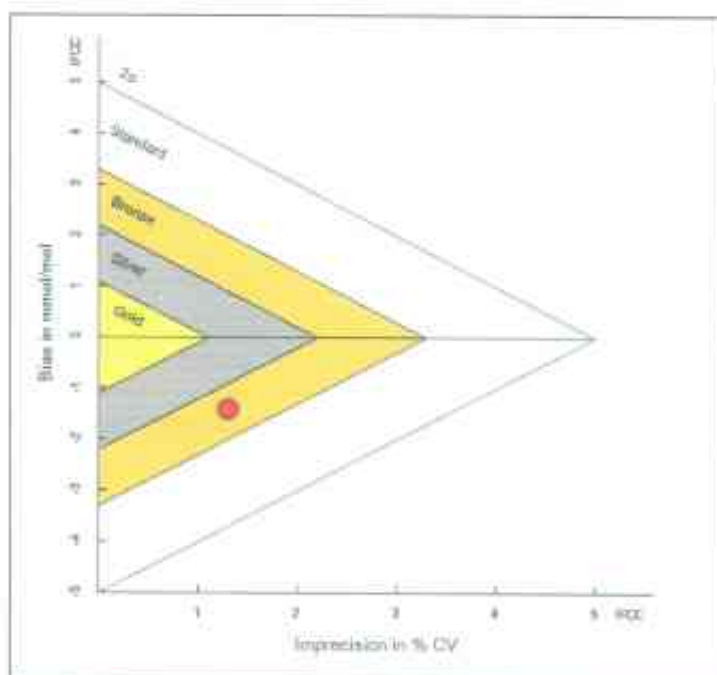
Certificate

Shenzhen Lifotronic Technology Co., Ltd

using

H8 Hemoglobin Analyzer(HPLC)

participated in the IFCC HbA_{1c} Certification Programme to demonstrate traceability to the IFCC Reference Measurement Procedure and performed as shown below.



Total Error =	2.7	mmol/mol
Bias =	-1.4	mmol/mol
Imprecision =	1.3	%
Grade =	Bronze	

Criteria derived from the IFCC model for Quality Targets HbA_{1c} (Clin Chem 2015;61 : 753-58)

Date of Certification : 01 January 2026

Date of Expiry : 01 January 2027

C. Siebelder
IFCC Network Coordinator
C. Siebelder

Summary Analytical Performance

Organisation	Shenzhen Lifotronic Technology Co., Ltd
Instrument	H8 Hemoglobin Analyzer(HPLC)
Date Of Certification	01 January 2026

Bias	at 30 mmol/mol	-0.6	mmol/mol
	at 50 mmol/mol	-1.4	mmol/mol
	at 70 mmol/mol	-2.1	mmol/mol
Imprecision	CV	1.3	%
Linearity	r	0.9992	
Total Error	TE	2.7	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	48.9	47.4	-1.5
02	46.5	45.2	-1.3
03	43.2	42.0	-1.2
04	100.8	97.2	-3.6
05	55.1	53.9	-1.2
06	72.0	68.9	-3.1
07	51.4	49.0	-2.4
08	81.0	79.4	-1.6
09	36.0	34.8	-1.2
10	57.4	56.6	-0.8
11	39.8	39.0	-0.8
12	72.0	69.1	-2.9
13	55.1	53.9	-1.2
14	97.3	93.6	-3.7
15	59.5	59.0	-0.5
16	46.5	45.2	-1.3
17	65.7	64.4	-1.3
18	32.1	29.8	-2.3
19	87.2	84.4	-2.8
20	81.0	79.1	-1.9
21	53.3	52.2	-1.1
22	76.6	74.4	-2.2
23	59.5	59.0	-0.5
24	93.6	89.3	-4.3

* Only if applicable: Blunder, excluded from the calculations