

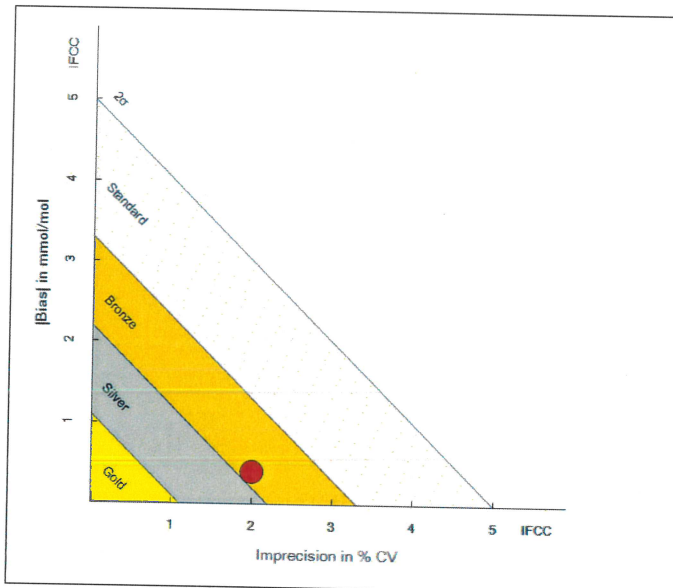
Certificate

Changsha Sinocare Inc.

using

iCARE-2100

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



Total Error =	2.4	mmol/mol
Bias =	-0.4	mmol/mol
Imprecision =	2.0	%
Grade =	Bronze	

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

Date of Certification : 01 August 2023

Date of Expiry : 01 August 2024

Chuanbao Zhang

IFCC Reference
Laboratory

C. Siebelder

IFCC Network Coordinator
C. Siebelder

Summary Analytical Performance

Organisation Changsha Sinocare Inc.
Instrument iCARE-2100
Date Of Certification 01 August 2023

Bias	at 30 mmol/mol	-0.2	mmol/mol
	at 50 mmol/mol	-0.4	mmol/mol
	at 70 mmol/mol	-0.6	mmol/mol
Imprecision	CV	2.0	%
Linearity	r	0.9969	
Total Error	TE	2.4	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	56.1	56.3	0.2
02	78.0	77.1	-0.9
03	53.9	54.1	0.2
04	86.2	84.2	-2.0
05	36.6	35.5	-1.1
06	68.6	68.3	-0.3
07	42.4	42.6	0.2
08	65.3	65.5	0.2
09	79.8	78.9	-0.9
10	57.3	56.3	-1.0
11	62.5	60.7	-1.8
12	45.0	44.3	-0.7
13	82.0	80.3	-1.7
14	71.2	70.5	-0.7
15	50.3	53.0	2.7
16	75.3	77.9	2.6
17	47.7	47.5	-0.2
18	91.1	90.2	-0.9
19	60.0	59.6	-0.4
20	51.7	49.7	-2.0
21	38.2	36.6	-1.6
22	72.7	72.7	0.0
23	64.4	62.8	-1.6
24	48.9	48.6	-0.3

* Only if applicable: Blunder, excluded from the calculations