

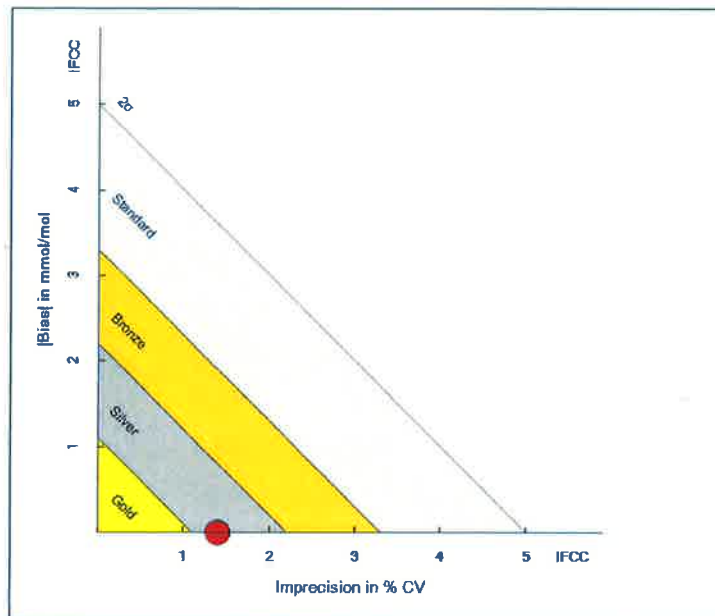
Certificate

Tosoh Corporation

using

HLC-723G8

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




Total Error =	1.4	mmol/mol
Bias =	0.0	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
C. Siebelder

Summary Analytical Performance

Organisation Tosoh Corporation
Instrument HLC-723G8
Date Of Certification 01 January 2024

Bias
at 30 mmol/mol -0.8 mmol/mol
at 50 mmol/mol 0.0 mmol/mol
at 70 mmol/mol 0.8 mmol/mol

Imprecision CV 1.4 %
Linearity r 0.9991
Total Error TE 1.4 mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	46.3	44.9	-1.4
02	43.8	42.5	-1.3
03	41.0	40.4	-0.6
04	98.3	98.6	0.3
05	53.1	53.7	0.6
06	67.8	69.2	1.4
07	49.1	48.2	-0.9
08	77.9	79.4	1.5
09	34.9	33.8	-1.1
10	55.3	56.8	1.5
11	38.2	37.4	-0.8
12	67.8	69.5	1.7
13	53.1	53.7	0.6
14	93.5	94.4	0.9
15	57.5	58.7	1.2
16	43.8	43.2	-0.6
17	62.8	64.2	1.4
18	31.6	30.1	-1.5
19	83.4	84.7	1.3
20	77.9	79.1	1.2
21	51.1	51.2	0.1
22	72.9	74.9	2.0
23	57.5	58.7	1.2
24	88.8	89.4	0.6

* Only if applicable: Blunder, excluded from the calculations