

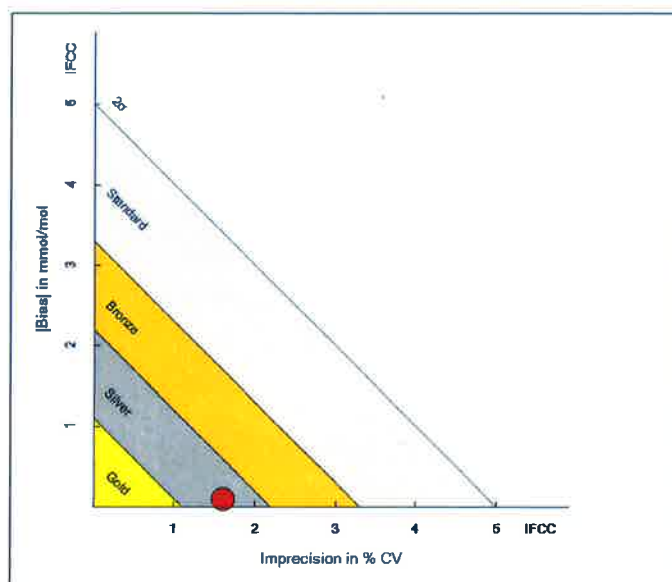
Certificate

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 =	1.7	mmol/mol
Bias =	+0.1	mmol/mol
Imprecision =	1.6	%
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

Organisation	Tosoh Corporation
Instrument	HLC-723G8
Date Of Certification	01 January 2023

Bias	at 30 mmol/mol	0.7	mmol/mol
	at 50 mmol/mol	0.1	mmol/mol
	at 70 mmol/mol	-0.4	mmol/mol
Imprecision	CV	1.6	%
Linearity	r	0.9987	
Total Error	TE	1.7	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	51.2	50.2	-1.0
02	73.2	72.8	-0.4
03	38.6	39.6	1.0
04	59.0	59.8	0.8
05	48.4	47.9	-0.5
06	83.9	81.9	-2.0
07	56.7	57.8	1.1
08	68.3	69.2	0.9
09	31.2	30.1	-1.1
10	54.3	55.8	1.5
11	42.1	42.9	0.8
12	94.6	93.2	-1.4
13	51.2	50.1	-1.1
14	98.6	98.1	-0.5
15	38.6	39.7	1.1
16	77.8	76.3	-1.5
17	63.7	64.2	0.5
18	35.0	35.0	0.0
19	90.1	88.1	-2.0
20	52.7	53.0	0.3
21	59.0	59.7	0.7
22	68.3	69.0	0.7
23	45.8	45.7	-0.1
24	77.8	76.2	-1.6

* Only if applicable: Blunder, excluded from the calculations