

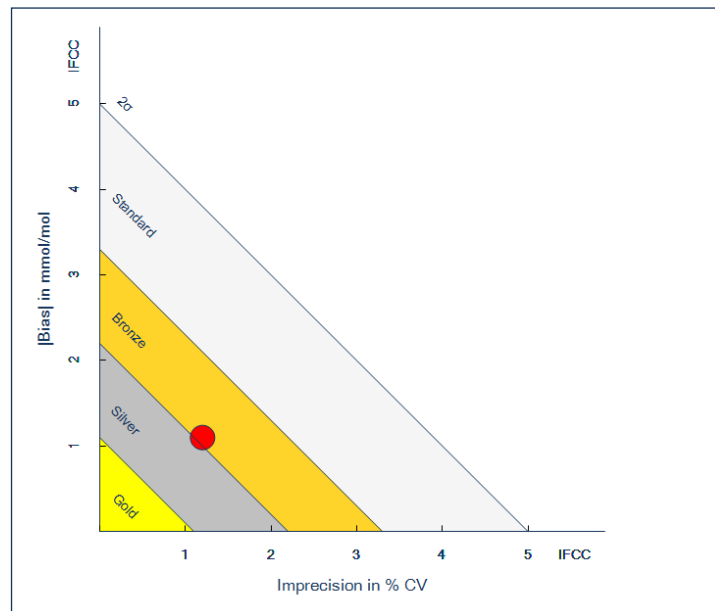
# Certificate

**EKF Diagnostic GmbH**

using

**Quo-Lab HbA1c**

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



Total Error =	2.3	mmol/mol
Bias =	-1.1	mmol/mol
Imprecision =	1.2	%
Grade =	Bronze	

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

Date of Certification : 01 June 2022

Date of Expiry : 01 June 2023

IFCC Network Coordinator  
 C. Siebelder

## Summary Analytical Performance

<b>Organisation</b>	<b>EKF Diagnostic GmbH</b>
<b>Instrument</b>	<b>Quo-Lab HbA1c</b>
<b>Date Of Certification</b>	01 June 2022

<b>Bias</b>	at 30 mmol/mol	-1.2	mmol/mol
	at 50 mmol/mol	-1.1	mmol/mol
	at 70 mmol/mol	-1.1	mmol/mol
<b>Imprecision</b>	CV	1.2	%
<b>Linearity</b>	r	0.9989	
<b>Total Error</b>	TE	2.3	mmol/mol

### Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	52.3	51.4	-0.9
02	66.4	65.4	-1.0
03	43.1	41.8	-1.3
04	76.2	74.3	-1.9
05	57.8	56.8	-1.0
06	34.7	33.7	-1.0
07	69.3	68.3	-1.0
08	46.5	45.6	-0.9
09	60.1	59.6	-0.5
10	37.0	35.5	-1.5
11	73.5	71.0	-2.5
12	53.5	52.5	-1.0
13	88.6	89.1	0.5
14	68.2	68.0	-0.2
15	43.6	42.1	-1.5
16	39.7	39.6	-0.1
17	72.3	71.3	-1.0
18	56.3	54.1	-2.2
19	86.5	85.8	-0.7
20	49.8	48.4	-1.4
21	64.7	62.6	-2.1
22	47.4	47.0	-0.4
23	74.8	73.0	-1.8
24	59.2	58.1	-1.1

\* Only if applicable: Blunder, excluded from the calculations