

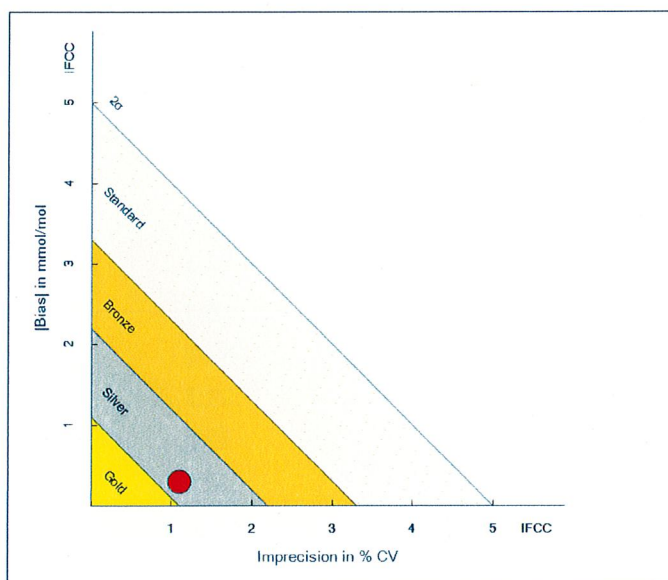
# Certificate

**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 =	1.4	mmol/mol
Bias =	-0.3	mmol/mol
Imprecision =	1.1	%
Grade =	Silver	

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

Date of Certification : 01 June 2020

Date of Expiry : 01 June 2021



IFCC Network Coordinator  
Dr. C.W. Weykamp

## Summary Analytical Performance

<b>Organisation</b>	EKF Diagnostic GmbH
<b>Instrument</b>	Quo-Lab HbA1c
<b>Date Of Certification</b>	01 June 2020

<b>Bias</b>	at 30 mmol/mol	-0.3	mmol/mol
	at 50 mmol/mol	-0.3	mmol/mol
	at 70 mmol/mol	-0.2	mmol/mol
<b>Imprecision</b>	CV	1.1	%
<b>Linearity</b>	r	0.9995	
<b>Total Error</b>	TE	1.4	mmol/mol

### Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	61.0	59.8	-1.2
02	56.0	55.2	-0.8
03	97.1	96.7	-0.4
04	58.6	58.5	-0.1
05	86.5	86.3	-0.2
06	43.5	43.2	-0.3
07	30.8	31.2	0.4
08	71.3	70.9	-0.4
09	40.7	39.9	-0.8
10	50.6	50.5	-0.1
11	48.4	48.9	0.5
12	77.0	76.5	-0.5
13	50.6	50.0	-0.6
14	53.1	53.4	0.3
15	90.9	89.1	-1.8
16	66.1	65.9	-0.2
17	56.0	55.2	-0.8
18	35.9	35.2	-0.7
19	46.2	46.5	0.3
20	102.7	103.3	0.6
21	40.7	40.3	-0.4
22	61.0	60.9	-0.1
23	82.3	83.6	1.3
24	71.3	71.6	0.3

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