

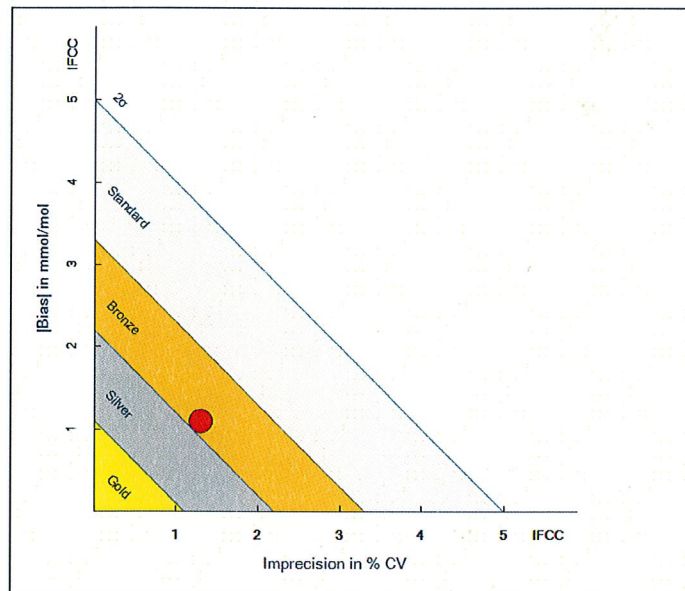
Certificate

EKF Diagnostic GmbH

using

Quo-Test HbA1c

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

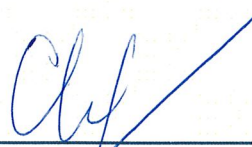


Total Error =	2.4	mmol/mol
Bias =	+1.1	mmol/mol
Imprecision =	1.3	%
Grade =	Bronze	

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

Date of Certification : 01 June 2019

Date of Expiry : 01 June 2020



 IFCC Network Coordinator

 Dr. C.W. Weykamp

Summary Analytical Performance

Organisation	EKF Diagnostic GmbH
Instrument	Quo-Test HbA1c
Date Of Certification	01 June 2019

Bias	at 30 mmol/mol	1.6	mmol/mol
	at 50 mmol/mol	1.1	mmol/mol
	at 70 mmol/mol	0.6	mmol/mol
Imprecision	CV	1.3	%
Linearity	r	0.9992	
Total Error	TE	2.4	mmol/mol

Analytical Performance Individual Samples

Sample ID	Target Value	Your Result	Your Bias
01	104.7	103.0	-1.7
02	62.0	62.8	0.8
03	67.6	67.9	0.3
04	54.1	54.8	0.7
05	92.9	93.5	0.6
06	56.3	57.4	1.1
07	31.7	33.3	1.6
08	78.3	79.5	1.2
09	36.6	37.7	1.1
10	46.9	47.2	0.3
11	51.9	51.6	-0.3
12	83.6	84.3	0.7
13	44.0	46.5	2.5
14	46.9	48.4	1.5
15	98.7	98.9	0.2
16	73.1	73.4	0.3
17	49.4	51.6	2.2
18	41.3	43.4	2.1
19	59.1	60.1	1.0
20	51.9	51.6	-0.3
21	41.3	42.9	1.6
22	56.3	57.1	0.8
23	73.1	73.2	0.1
24	88.3	89.9	1.6

* Only if applicable: Blunder, excluded from the calculations