

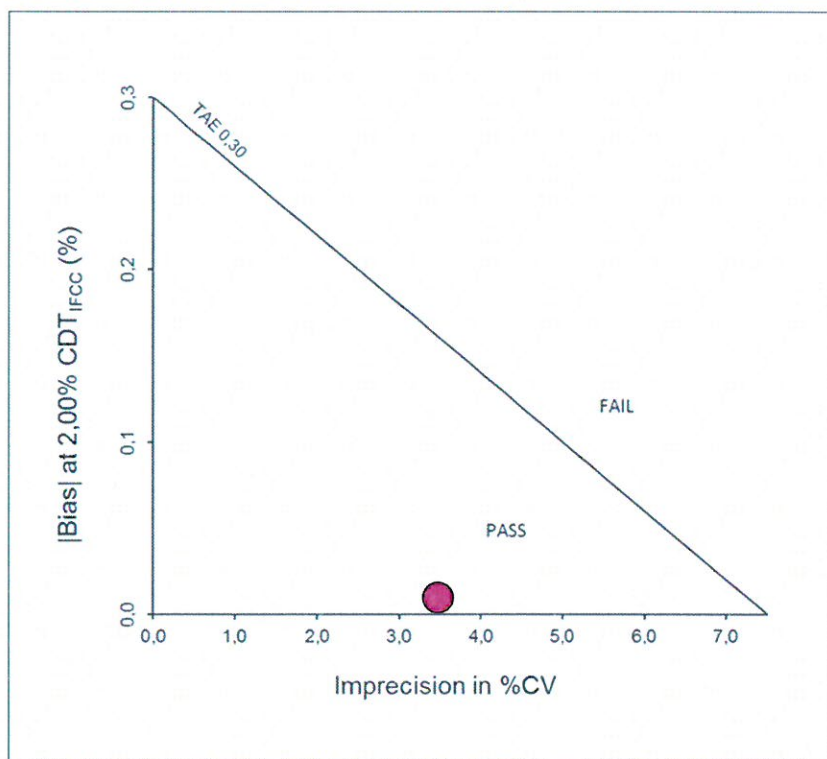
Certificate

Chromsystems Instruments & Chemicals GmbH

using

CDT in serum, Order Nr. 54030

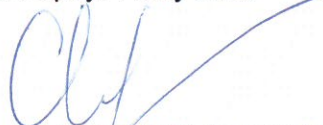
participated in the IFCC CDT Study to demonstrate traceability to the IFCC Reference Measurement Procedure and performed as shown below.



Total Error =	0.15 %
Bias =	0.01 %
Imprecision =	3.5 %
Performance =	Pass

Date of Certification: 1 July 2019

Date of Expiry: 1 July 2020



 IFCC CDT Network Coordinator

 Dr. C.W. Weykamp



Summary Analytical Performance

Organisation : **Chromsystems Instruments & Chemicals GmbH**

Instrument : **CDT in serum, Order Nr. 54030**

Date of certification : **1 July 2019**

Bias : at 1,5% CDT_{IFCC} -0.08 %
 : at 2,0% CDT_{IFCC} 0.01 %
 : at 2,5% CDT_{IFCC} 0.09 %

Imprecision : CV 3.5 %

Linearity : r 0.9978

Total Error : TE 0.15 %

Analytical Performance Individual Samples

Sample ID	Target	Your Result	Your Bias
Specimen 2018.01	2.90	3.00	0.10
Specimen 2018.02	1.81	1.68	-0.13
Specimen 2018.03	1.25	1.26	0.01
Specimen 2018.04	2.89	2.91	0.02
Specimen 2018.05	4.45	4.96	0.51
Specimen 2018.06	1.69	1.72	0.03
Specimen 2018.07	2.38	2.40	0.02
Specimen 2018.08	3.69	4.06	0.37
Specimen 2018.09	3.97	4.33	0.36
Specimen 2018.10	1.14	1.00	-0.14

* Only if applicable: Blunder, excluded from the calculations