

Prof. Dr. med. H. Drexler
Institute and Outpatient Clinic for Occupational, Social and Environmental Medicine of
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Schillerstr.25 D-91054 Erlangen

Intercomparison programme 57, 2016 for toxicological analyses in biological materials

Inst. für Arbeits-, Sozial- und Umweltmedizin, Schillerstr. 25, 91054 Erlangen

Environmental Analysis Unit
Occupational and Environmental Medicine
Att: Thomas Lundh, Dr Med Sci, Skånes
University Hospital
22185 Lund
Sweden

Labor: 336

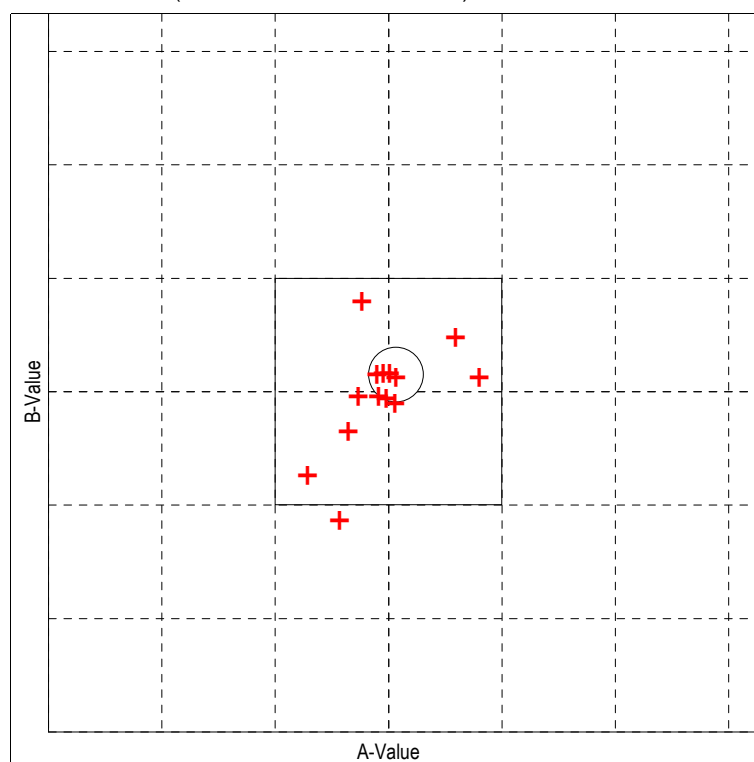


Erlangen, 2016/06/24

Youden Plot

No.	parameter	evaluation	your results	ref. value	tolerance range	unit
120	PFOA in serum	A: + B: +	6.02 23.48	5.95 22.91	4.90 - 7.00 19.13 - 26.69	µg/l µg/l

PFOA in serum (Environmental medical field)



	A	B
number of participants	14	14
within 3-fold tolerance range	14	14
mean of 3-fold tolerance range	5.90	22.87
standard deviation 3-fold tolerance range	0.39	1.73
both values within tolerance range		13 Labs; (92.9%)

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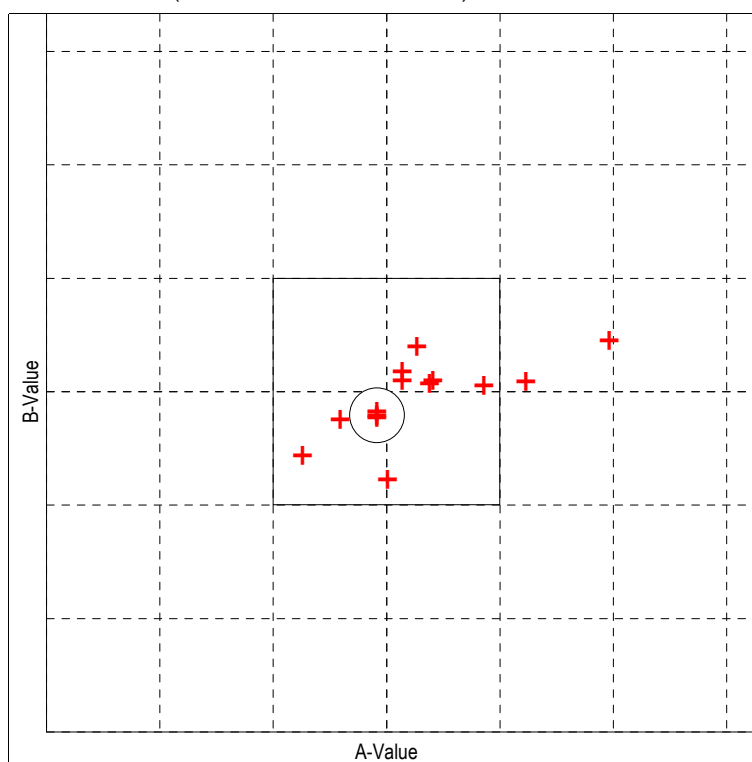


Erlangen, 2016/06/24

Youden Plot

No.	parameter	evaluation	your results	ref. value	tolerance range	unit
121	PFOS in serum	A: +	4.88	4.97	3.89 - 6.05	µg/l
		B: +	38.17	39.73	32.26 - 47.20	µg/l

PFOS in serum (Environmental medical field)



	A	B
number of participants	14	14
within 3-fold tolerance range	14	14
mean of 3-fold tolerance range	5.28	39.49
standard deviation 3-fold tolerance range	0.71	2.44
both values within tolerance range		12 Labs; (85.7%)



German External Quality Assessment Scheme

**Intercomparison programme 57, 2016
for toxicological analyses in biological materials**

Prof. Dr. med. H. Drexler

on behalf of the German Society for Occupational and Environmental Medicine .e.V

Schillerstr 25, D-91054 Erlangen

External Quality Control acc. to the Guidelines of the German Federal Medical Council

Teilnehmer: Environmental Analysis Unit
Occupational and Environmental Medicine
Att: Thomas Lundh, Dr Med Sci , Skånes University Hospital
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Certificate

valid until July 31, 2017

This is to certify you participated in the intercomparison programme 57 / 2016 for occupational / environmental medical - toxicological analyses. In accordance with the guidelines issued by the German Federal Medical Council (Bundesärztekammer) of January 16th, 1987 and October 16th, 1987 and August 24th, 2001 on implementation of intercomparison programmes in the medical field you have fulfilled the requirements for the following parameters:

Environmental medical field

Pb in blood
3-PBA in urine
MEHP in urine
MBzP in urine
Trichloropyridinol in urine
Sn in urine

Pt in urine
Cotinine in urine
PFOA in serum
Cu in urine
Sb in urine

1-HP in urine
5-OH-MEHP in urine
PFOS in serum
Sr in urine
Mo in urine

Erlangen, 2016/06/24

Prof. Dr. med. H. Drexler

Prof. Dr. rer. nat. Th. Göen