German External Quality Assessment Scheme

Intercomparison programme 76, 2025
for toxicological analyses in biological materials

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

Henkestr. 9-11, D-91054 Erlangen

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

Participant: SD Lab, 675
Mr. Min-Ho, Yang
53-21, Dongbaekjungang-ro,
Giheung-gu
17013 Yongin-si
South Korea

Certificate

valid until January 31, 2027

This is to certify you participated in the intercomparison programme 76 / 2025 for occupational / environmental medical - toxicological analyses. In accordance with the guidelines issued by the German Federal Medical Council (Bundesärztekammer) of September 19th, 2014 on implementation of intercomparison programmes in the medical field you have fullfilled the requirements for the following parameters:

Occupational medical field

Pb in blood	Cd in blood	Cr in blood
Mn in blood	Ni in blood	Hg in urine
Sb in urine	As+3 in urine	AS+5 in urine
MMA in urine	DMA in urine	AsB in urine
Pb in urine	Cd in urine	Cr in urine
Mn in urine	Ni in urine	Hg in urine
Vanadium in urine	Creatinine in urine	MA in urine
MHA in urine	t,t-MA in urine	PGA in urine
SPMA in urine	As total in urine	I in urine
DHBMA in urine	3-HPMA in urine	Mo in urine

Erlangen, 2026/01/20

Prof. Kaifie Pechmann

Prof. Dr. rer. nat. Th. Göen

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Environmental medical field

Pb in blood	Cd in blood	Hg in blood
Cd in urine	Cr in urine	Ni in urine
Hg in urine	1-HP in urine	Br2-CA in urine
cis-Cl2-CA in urine	trans-Cl2-CA in urine	Cotinine in urine
5-OH-MEHP in urine	5-oxo-MEHP in urine	5-carboxy-MEPP in urine
MEHP in urine	PFOA in serum	L-PFOS in serum
PFNA in serum	PFDA in serum	1-Naphthol in uri
2-Naphthol in urine	MnBP in urine	MiBP in urine
MBzP in urine	MEP in urine	Bisphenol A in urine
Bisphenol S in urine	Bisphenol F in urine	As total in urine
3-PBA in urine	FPBA in urine	Sb in urine
Mo in urine	As+5 in urine	As+3 in urine
MMA in urine	DMA in urine	AsB in urine
TCS in urine	Benzophenone-1 in urine	Benzophenone-3 in urine
PFOS in serum	L-PFHxS in serum	L-PFHpS in serum
PFBS in serum		

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