

FDT - Driver fitness testing in urine							
Product name	FDT	Cut-off	FDT - 25%	FDT + 25%	Cut-off	FDT - 25%	FDT +25%
Matrix			urine	urine		urine	urine
Target values		[µg/L]	[µg/L]	[µg/L]	[µg/L]	[µg/L]	[µg/L]
Amphetamines	d-Amphetamine	50	37.5	62.5	30	22.5	37.5
	d-Methamphetamine	50	37.5	62.5	30	22.5	37.5
	MDA	50	37.5	62.5	50	37.5	62.5
	MDEA	50	37.5	62.5	50	37.5	62.5
	MDMA	50	37.5	62.5	50	37.5	62.5
	Mephedrone	50	37.5	62.5	50	37.5	62.5
	MDPV	50	37.5	62.5	50	37.5	62.5
	alpha PVP	50	37.5	62.5	50	37.5	62.5
Cocaine Metabolite	Benzoylcegonine	30	22.5	37.5	20	15.0	25.0
Opiates	Morphine	25	18.8	31.3	25	18.8	31.3
	Codeine	25	18.8	31.3	25	18.8	31.3
	Dihydrocodeine	25	18.8	31.3	25	18.8	31.3
	6-Acetylcodein	5	3.75	6.25	5	3.75	6.25
	6-MAM (6-Monoacetylmorphine)	5	3.75	6.25	5	3.75	6.25
	Oxymorphone	50	37.5	62.5	50	37.5	62.5
	Hydromorphone	50	37.5	62.5	50	37.5	62.5
Benzodiazepines	7-Aminoflunitrazepam	50	37.5	62.5	50	37.5	62.5
	7-Aminoclonazepam	50	37.5	62.5	50	37.5	62.5
	Diazepam	50	37.5	62.5	50	37.5	62.5
	alpha-OH-Alprazolam	50	37.5	62.5	50	37.5	62.5
	Temazepam	50	37.5	62.5	50	37.5	62.5
	Bromazepam	50	37.5	62.5	50	37.5	62.5
	OH-Bromazepam	50	37.5	62.5	50	37.5	62.5
	Nordiazepam	50	37.5	62.5	50	37.5	62.5
	Oxazepam	50	37.5	62.5	50	37.5	62.5
	Oxazepam Glucuronide	50	37.5	62.5	50	-	-
	Lorazepam	50	37.5	62.5	50	37.5	62.5
	Zolpidem-phenyl-4-COOH	50	37.5	62.5	50	37.5	62.5
	Norzopiclone	50	37.5	62.5	50	37.5	62.5
	ACP - Zopiclone Metabolite	50	37.5	62.5	50	37.5	62.5
	5-oxo-Zaleplon	50	37.5	62.5	50	37.5	62.5
	Tetrazeepam	50	37.5	62.5	50	37.5	62.5
	Nortetrazeepam	50	37.5	62.5	50	37.5	62.5
Cannabinoids	THC-COOH	10	7.5	12.5	7.5	5.63	9.38
	CBD	10	7.5	12.5	10	7.50	12.5
	CBD-COOH	15	11.3	18.8	15	11.3	18.8
Opioids	Buprenorphine	1	0.75	1.25	1	0.75	1.25
	Norbuprenorphine	1	0.75	1.25	1	0.75	1.25
	Methadone	50	37.5	62.5	30	22.5	37.5
	EDDP	50	37.5	62.5	30	22.5	37.5
	Fentanyl	10	7.5	12.5	10	7.50	12.5
	Norfentanyl	10	7.5	12.5	10	7.50	12.5
	Tilidine	50	37.5	62.5	50	37.5	62.5
	Nortilidine	50	37.5	62.5	50	37.5	62.5
	Tramadol	50	37.5	62.5	50	37.5	62.5
	O-Desmethyltramadol	50	37.5	62.5	50	37.5	62.5
	Oxycodone	50	37.5	62.5	50	37.5	62.5
	Noroxycodone	50	37.5	62.5	50	37.5	62.5
Others	EtG	100	75	125	100	75.0	125
	ETS	100	75	125	100	75.0	125
	GHB	10 000	7 500	12 500	10 000	7 500	12 500
	Pregabalin	50	37.5	62.5	50	37.5	62.5
	Ketamine	50	37.5	62.5	50	37.5	62.5
	Norketamine	50	37.5	62.5	50	37.5	62.5
	Dehydronorketamine	50	37.5	62.5	50	37.5	62.5
	Mitragynine	5	3.75	6.25	5	3.75	6.25
REF	DGVM/DGVP	13UR020A_n2	13UR020B_n2	DGVM/DGVP	13UR020A_n3	13UR020B_n3	
	3rd ed. 2018	10 x 2.0 mL	10 x 2.0 mL	5th ed. 2026	10 x 2.0 mL	10 x 2.0 mL	
Price in € / Unit		261,45	261,45		522,90	522,90	

Accuracy control for internal quality assurance procedures in forensic analytics, alcohol, and drug screening within MPU requirements, using the evaluation criteria of the German driving aptitude test. Target values are +/- 25% above/below the defined cut-off values of the Federal Highway Research Institute (BAST). The control material consists of human-based urine spiked with narcotics, drugs, and alcohol consumption markers. Target values are determined by laboratories accredited according to DIN ISO/IEC 17025 for forensic toxicology using GC/MS and LC/MS/MS and according to the GTFCh guidelines. In addition, the target values are controlled according to RiliBAK guidelines. The respective data are available on www.acq-science.de.
Note: Gravimetric values are indicated as approximate values in this flyer. Refer to the IFU of the relevant lots for determined values and their respective ranges.