ANALYTICAL BIOCHEMISTRY RESEARCH CENTRE (ABrC)
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ANALYSIS REQUEST FORM
DRUGS OF ABUSE (A)

PART A: DETAILS OF REQUESTING CUSTOMER		
Name		Address
Company		
Email		
Tel. No.		

PART B: RECIPIENT OF TEST REPORT/CERTIFICATE OF ANALYSIS (COA)	
Email address i) _____ ii) _____	Name of authorized representative i) _____ ii) _____

Method of delivery for hard copy of COA *(upon request)*:

☐ Self-pick up

☐ Courier (*Additional courier charge applies*)

Details for Delivery: ☐ Same as PART A

☐ Other

Name		Address
Company		
Tel. No.		

PART C: DETAILS ON COA (*If different from Part A*)	
Company	
Address	

PART D: ANALYSIS DETAILS

Minimum volume of sample required is 20 mL (urine) and 3 mL (blood).
Turn around time (TAT) is 8 working days; Urgent request is 3 working days with an additional 50% surcharge applies.

No	Sample ID on the COA	Analysis Requested (based on the code listed in Table 1, Page 2 of 2)	TAT (Tick if urgent)
1		QA	☐
2		QO	☐
3		QO	☐
4		QO	☐
5		QO	☐

PART E: RECIPIENT OF INVOICE		
Name		Address JAKJ
Position		
Email		
Tel. No.		

PART F: DECLARATION		
I hereby agree with the terms and conditions listed on Page 2 of 2.		
Name		Signature and Stamp
Email		
Date		

For ABrC Use Only			
Approval *(sign and initial)*		Date	

TERMS AND CONDITIONS

1. All information obtained from the customer will be treated as private and confidential.
2. All sections of the Analysis Request Form (ARF) (Part A to Part F) must be completed. The analysis will not be conducted if the ARF is incomplete.
3. The request for analysis will be rejected if volume of sample is insufficient.
4. An additional 50% surcharge will be applied to an urgent request.
5. The COA issued is subjected only to the sample received.
6. COA will be emailed to the customer. Hard copy of COA will only be given upon request and additional courier charges apply. A written request is required to reprint the COA and RM 30 will be charged for each copy.
7. Invoice will be emailed to the customer. Full payment should be made within TAT, prior to the submission of COA. The COA will be on hold until full payment has been made.
8. Sample(s) will be retained for a maximum of 1 month for negative results and 1 year for positive results following the issuance of COA. Samples can be returned to the customer upon request and cost of handling, packaging and shipping will be applied.
9. Sample(s) will be analysed according to the Test Method mentioned in Table 1. Notification will be given if there are any changes to the mentioned test method

Table 1: Details of analysis.

Code	Analysis	Sample Type	Test Method			
			Cut-off	ID	Details	Decision Rule
QE1	Morphine & Codeine	Urine	300 ng/mL	LTM 01	Acid hydrolysis and liquid-liquid extraction with GC-MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QE2	Morphine & Codeine	Urine	2000 ng/mL			
QB	Carboxy-THC	Urine	15 ng/mL	LTM 02	Alkaline hydrolysis and liquid-liquid extraction with GC-MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QG1	Amphetamine & Methamphetamine	Urine	250 ng/mL	LTM 03	Liquid-liquid extraction with LC-MS/MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QG2	Amphetamine & Methamphetamine	Urine	500 ng/mL			
QL	Ecstasy *(MDMA, MDA & MDEA)*	Urine	250 ng/mL			
QH	Propoxyphene	Urine	200 ng/mL			
QI	Phencyclidine	Urine	25 ng/mL			
QJ	Methadone	Urine	200 ng/mL			
QK	Ketamine	Urine	250 ng/mL			
QF	Benzodiazepines *(α-Hydroxyalprazolam, α-Hydroxytriazolam, 2-Hydroxyethylflurazepam, Alprazolam, Desalkylflurazepam, Flurazepam, Lorazepam, Midazolam, Nimetazepam, Nordiazepam, Oxazepam, Temazepam, Triazolam, 7-Aminoclonazepam & 7-Aminonitrazepam)*	Urine	300 ng/mL	LTM 04	Liquid-liquid extraction with LC-MS/MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QC	Benzoylecgonine	Urine	100 ng/mL	LTM 05	Solid phase extraction with GC-MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QD	Barbiturates *(Amobarbital, Butalbital, Pentobarbital, Phenobarbital & Secobarbital)*	Urine	200 ng/mL	LTM 06	Solid phase extraction with GC-MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QM	Amphetamine/ Methamphetamine Isomer	Urine	NA	LTM 07	Liquid-liquid extraction with GC-MS analysis	Detected = D-enantiomer greater than 20% Not Detected = D-enantiomer less than 20%
QA	Alcohol	Blood	0.4 g/L	LTM 08	Dilution with HS-GC-FID analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU
QO	Mitragynine	Urine	250 ng/mL	LTM 25	Liquid-liquid extraction with LC-MS/MS analysis	Positive = Concentration > Cut-off + MU Negative = Concentration ≤ Cut-off + MU

Abbreviation

GC-MS: Gas Chromatography Mass Spectrometry
LC-MS/MS: Liquid Chromatography Tandem Mass Spectrometry
HS-GC-FID: Headspace Gas Chromatography Flame Ionization Detector
MU: Measurement Uncertainty