


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 29352 Accredited to ISO/IEC 17025:2017	MAC Clinical Research Finance Ltd	
	Issue No: 001 Issue date: 13 February 2025	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS</p> <p>Serum/plasma</p> <p>Serum/plasma</p>	<p><u>Biochemistry examination activities for the purposes of clinical trials:</u></p> <p>Pharmacokinetics – drug levels:</p> <p>Psychedelics Analgesics</p> <p>Metabolites of the above</p> <p>Quantification of:</p> <p>Albumin (Alb) Calcium (Ca_2) Chloride (Cl) Enzymatic creatinine (Ecre_3) Direct Bilirubin (Dbil_2) Iron (Iron_3) Magnesium (Mg) Phosphate (IP) Potassium (K) Sodium (Na) Total Bilirubin (Tbil_2) Total Protein (TP) Triglyceride (Trig_2) Urea (UN_c) ALP_2c ALT AST C Reactive Protein_2 (CRP_2) High Sensitivity C-Reactive Protein (hsCRP)</p>	<p>Documented in house method based on manufacturer's instructions</p> <p>LCMS mass spectrometry using Sciex triple quad. LS010, LS034, LS035</p> <p>LS070</p> <p>Immunoassay using Siemens Atellica CH 93& IM 1300 LS042, LS056</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical trials</u> (cont'd):	Documented in house method based on manufacturer's instructions
Serum/plasma (cont'd)	Quantification of: (cont'd) Amylase (Amy_2) Creatine Kinase (CK_L) Lactate Dehydrogenase (LDLP) GGT Glucose TIBC Urate (UA) Direct HDL cholesterol (D-HDL) Cholesterol (Chol_2) Direct LDL Cholesterol (DLDL) Transferrin	Immunoassay using Siemens Atellica CH 93& IM 1300 LS042, LS056
Serum/plasma	Quantification of: Ferritin (Fer) Free Triiodothyronine (FT3) Free Thyroxine (FT4) Total Triiodothyronine (T3) Total Thyroxine (T4) TSH 3-Ultra (TSH3-UL) FSH LH Total hCG (ThCG) Folate Vitamin B12 (VB12) CA 125 CA15-3 CEA AFP Total PSA Total Vitamin D	Immunoassay using Siemens Atellica CH 93& IM 1300 LS042



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical trials</u> (cont'd):	Documented in house method based on manufacturer's instructions
Urine	Semiquantitative determination of: Colour Clarity Glucose Bilirubin Ketone Specific Gravity Blood pH Protein Urobilinogen Nitrite (qualitative) Leukocyte Esterase	Siemens Atellica 1500 & Novus LS043
Urine	Drugs of abuse - Qualitative determination: Amphetamines (Amp) Barbiturates (Brb) Benzodiazepines (Bnz) Cannabinoids THC (Thc) Cocaine Metabolite (Coc) Methadone (Mdn) Opiates (Op) Phencyclidine (Pcp) Ecstasy	Siemens Atellica CH 930 LS042, LS056
Serum/plasma	Quantitative determinatiton: Ethyl Alcohol	Siemens Atellica CH 930 LS042, LS056
Whole blood EDTA	A1c_E	Siemens Atellica CH 930 LS042, LS056
Serum/plasma	Calculated tests eGFR, globulin, adjusted calcium, non-LDL cholesterol, transferrin saturation	Manual calculations derived from the above results LS045



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purposes of clinical trials</u>	Documented in house method based on manufacturer's instructions
Urine	Sediment analysis Quantification of: White Blood Cell Red Blood Cell	Siemens Atellica 1500 & Novus LS043
Whole blood EDTA	Full Blood Count and White Blood Cell differential: Haemoglobin (Hb) Red blood count (RBC) Haematocrit (Hct) Mean cell volume (MCV) Mean cell haemoglobin (MCH) Mean cell haemoglobin concentration (MCHC) Red Cell Distribution Width (RDW) Platelet count (PLT) Mean Platelet Volume (MPV) White blood count (WBC) Neutrophils Lymphocytes Monocytes Eosinophils Basophils	Using Siemens advia 560 LS052
Whole blood EDTA	Blood film assessment & Cell differential: Romanowsky stains	Siemens hematek & microscope LS044, LS047, LS053
Plasma	Coagulation PT/APTT/INR	Sysmex CN3000 LS048
Whole blood EDTA	White cell differential	CellaVision DC-1 (digital cell imaging) LS044, LS047, LS053



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HUMAN BODY FLUIDS (cont'd) Serum	<u>Virology examination activities for the purposes of clinical trials</u> Hepatitis A Total (aHAVT) Anti-Hepatitis B core Total (HBcT) Anti-Hepatitis B surface antigen (aHBs2 quantitative) Hepatitis B surface antigen II (HBsII) Hepatitis C (aHCV) HIV Ag/Ab Combo (CHIV)	Documented in house method based on manufacturer's instructions Atellica solution IM1300 LS042, LS056
END		