

# CERTIFICATE OF ACCREDITATION

This is to certify that:

**PATHCARE GROUP OF COMPANIES  
NIGERIA LABORATORY**

Facility Accreditation Number: **M0224**

is a South African National Accreditation System accredited laboratory provided that all SANAS conditions and requirements are complied with.

This certificate is valid as per the scope on the accompanying schedule of accreditation bearing the above accreditation number for

**MEDICAL TESTING LABORATORY  
CLINICAL PATHOLOGY**

The facility complies with the general requirements of

**ISO 15189:2003**

While this certificate remains valid, the Accredited Facility named above is authorised to use the relevant SANAS logo to issue facility reports and/or certificates

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**Mr MA Peet  
Chief Executive Officer**

**Initial Accreditation: January 2006**

**Certificate Commences: March 2008**

**Certificate Expires: January 2010**

*"Recognised as the official national accreditation body by the Department of Trade and Industry of the Republic of South Africa"*

This certificate is only valid when accompanied by its schedule of accreditation.

## SCHEDULE OF ACCREDITATION

Testing Laboratory Number: M0224

<p><b><u>Permanent Address of Laboratory:</u></b>                  Pathcare Group of Companies                  Pathcare Nigeria Limited                  Plot 1397b Tiamiyu Savage Street                  Victoria Island, Lagos                  Nigeria</p> <p>Tel : (234-01) 461 6311                  Fax : (234-01) 262 9987</p>	<p><b><u>Signatories:</u></b>                  Signatories as authorised by the                  Head of Laboratory</p> <p><b><u>Contact Person:</u></b>                  Ms J Wassung</p> <p>Issue No. : 03                  Date of issue : March 2008                  Expiry date : January 2010</p>	
Sample Type	Types of Test	Equipment/ Method
<p><b><u>CHEMISTRY</u></b>                  Serum                  Serum                  Serum                  Serum                  Serum                  Serum                  Urine                  Serum                  Serum                  Serum                  Urine                  Serum, CSF                  Serum                  Serum                  Urine                  Serum                  Serum                  Serum                  Serum, Urine                  Plasma                  Serum                  Plasma, CSF                  Serum                  Serum                  Serum                  Serum                  Urine                  Serum                  Serum                  Serum, Urine                  Serum</p>	<p>Alanine Aminotransferase (ALT)                  Albumin                  Alkaline Phosphatase (ALP)                  Amylase                  Antistreptolysin o Titre (ASOT)                  Aspartate Aminotransferase (AST)                  Barbiturates                  Bilirubin, Direct                  Bilirubin, Total                  Calcium (Total)                  Cannabinoids                  Chloride                  Cholesterol (HDL)                  Cholesterol (Total)                  Cocaine Screen                  C-Reactive Protein (CRP)                  Creatine Kinase (CK)                  Creatine Kinase MB Mass (CKMB Mass)                  Creatinine                  D-Dimer (Fibrin Degradation Product)                  Gamma Glutamyl Transferase (GGT)                  Glucose                  Lactate Dehydrogenase (LDH)                  Lipase                  Magnesium                  Myoglobin                  Opiates                  Phosphate                  Potassium                  Protein (Total)                  RPR</p>	<p>CX9                  CX9                  CX9                  CX9                  CX9                  CX9                  Manual/ Rapid test/ Dade Behring                  CX9                  CX9                  CX9                  Manual/ Rapid test/ Dade Behring                  CX9                  CX9                  CX9                  Manual/ Rapid test/ Dade Behring                  CX9                  CX9                  Access 2                  CX9                  Manual/ Remel Inc                  CX9                  CX9                  CX9                  CX9                  Access 2                  Manual/ Rapid test/ Dade Behring                  CX9                  CX9                  CX9                  Manual/Omega Diagnostics</p>

Original date of accreditation: January 2006

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**Field Manager**

Laboratory No: M0224  
 Date of issue: March 2008  
 Expiry date: January 2010

Sample Type	Types of Test	Equipment/ Method
<b><u>CHEMISTRY (CONTINUED)</u></b>		
Serum	Sodium	CX9
Serum	Triglycerides	CX9
Plasma	Troponin I	ACCESS 2
Serum	Urate	CX9
Serum	Urea	CX9
Serum	Widal Test	Manual/Fortress Diagnostics
<b><u>ENDOCRINOLOGY</u></b>		
Serum	Beta human chorionic gonadotrophin( $\beta$ HCG)	Access 2
Serum	Cortisol	Access 2
Serum	Estradiol	Access 2
Serum	Follicle Stimulating Hormone (FSH)	Access 2
Serum	Free T3	Access 2
Serum	Free T4	Access 2
Serum	Hepatitis B Surface Antigens(HBs AG)	Access 2
Serum	Hepatitis C Virus (HCV)	Access 2
Serum	HIV Antibodies	Access 2
Serum	Luteinising Hormone (LH)	Access 2
Serum	Progesterone	Access 2
Serum	Prolactin	Access 2
Serum	Prostate Specific Antigen (PSA)	Access 2
Serum	Rubella IgG	Access 2
Serum	Testosterone	Access 2
Serum	Thyroid Stimulating Hormone (TSH)	Access 2
<b><u>HAEMATOLOGY</u></b>		
Plasma	Activated Partial Thromboplastin Time (APTT)	Dade Behring BFT II
Whole blood	Blood Grouping (ABO and Rh (D))	Manual/SOP ID 1044
Whole blood	CD4	BD Facscount
Whole blood	CD8	BD Facscount
Whole blood	Differential Cell Count	Coulter HMX
Whole blood	Erythrocyte Sedimentation Rate (ESR)	Alifax
Plasma	Fibrinogen	Dade Behring BFT II
Whole blood	Full Blood Count And Differential Count	Coulter HMX
Whole blood	Haemoglobin Electrophoresis	Beckman Paragon
Plasma	International Normalised Ratio (INR)	Dade Behring BFT II
Whole blood	Reticulocyte count	Manual/SOP ID 1134
<b><u>MICROBIOLOGY</u></b>		
Urine and Stool	Microscopy (Wet preparation and stained slides)	Manual/Microscopy
	Staining Techniques: Saline Wet preparation	
	Iodine Wet Preparation	
	Cryptosporidium Stain	

**Field Manager**

Sample Type	Types of Test	Equipment/ Method
<b>MICROBIOLOGY (CONTINUED)</b>		
Urine	Chemistry	Dip Stick / BAYER
Stool	Occult blood test	Manual/ CROMATEST/ Linear Chemicals
Stool	Reducing substances	Clinitest/ BAYER
Stool	Concentration for Parasites	Brine flotation/ Formal ether method
Whole blood	Blood parasites: Staining Techniques Thick and thin smears : Giemsa or Field's stain Microfilaria Trypanosoma Malaria	Manual/Microscopy
	QBC- microcapillary method	Manual/ Becton Dickinson
Skin, Hair, Nails,	Fungal Microscopy: KOH Wet Preparation	Manual/ Microscopy
CSF, Body fluids, Blood, Tissue (biopsy),	Microscopy (Wet preparation, cell counts and stained slides)	Manual/ Microscopy
Urine, stool	Staining Techniques: Gram Stain	
Semen	Ziehl Nielsen	
Pus Swabs	India Ink Stain	
	Aerobic, Anaerobic and Micro-Aerophilic culture for Pathogenic organisms	Manual
	Bactec Blood Cultures	SIGNAL SYSTEM/ OXOID
	Identification of organisms:	Manual
	DNAse	
	Catalase	
	Beta Lactamase	
	Plasma Coagulase	
	Germ Tube Test	
	Oxidase Test	
	Satellitism Test and X, V, XV Factors	
	Optochin test	
	Bacitracin test	
	Identification of gram negative bacteria using API 10/20E	Manual/ BIOMERIEUX/
	Antimicrobial susceptibility testing: Kirby Bauer method	Manual/ OXOID