



FACILITATING TRADE AND ENSURING THE QUALITY OF SERVICES AND PRODUCTS

Directory of Accredited Conformity Assessment Bodies in West Africa

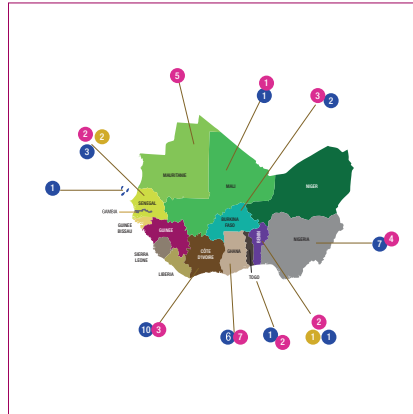
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Quality

Safety

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NOTE The accreditation bodies listed in this document are signatories to the ILAC (INTERNATIONAL LABORATORY ACCREDITATION COOPERATION) and / or IAF (INTERNATIONAL ACCREDITATION FORUM) Multilateral Recognition Arrangements.

FOREWORD



KALILOU TRAORE

ECOWAS Commissioner for Industry and Private Sector Promotion

Dear reader,

This valuable directory has been published at a timely moment. It is aligned with the strategic direction of the Common Industrial Policy and Quality Policy (ECOQUAL) and other important priorities. The ECOWAS Commission aims **to ensure that both public and private sector actors have access to a network of accredited providers and suppliers of competitive conformity assessment services in the region.**

The directory lists accredited Conformity Assessment Bodies (CABs) including Certification and inspection bodies, testing laboratories and metrology laboratories. The aim of the directory is to enable appropriate access to information on accreditation as well as encourage other CABs to be part of this dynamic exercise.

Through the West Africa Quality System Programme (WAQSP), implemented by the United Nations Industrial Development Organization (UNIDO) and financed by the European Union (EU), the ECOWAS Commission has supported around 40 CABs to become accredited in their own right (out of the 50 accredited in the region). Simultaneously, the WAQSP has encouraged the establishment of an ECOWAS Regional Accreditation System (RAS). The ultimate goal of these actions is to make accreditation more accessible by developing competent accreditation bodies that are internationally recognized by their peers. Unfortunately, this is not yet the case, since all ECOWAS CABs have been accredited by external accreditation bodies outside the region.

Therefore, I would like to take this opportunity to launch an appeal:

- Firstly, to CABs themselves, to make accreditation their personal goal in order to guarantee the quality of services offered;
- Secondly, to accreditation bodies created within the region or those that are in the process of being established, to quickly reach a sufficient operational capability level, in order to deliver the first accreditation services in the sub-region.

With the publication of this directory, which will be updated regularly, users and beneficiaries will now be aware of the most suitable CAB to match their needs. This is an opportunity for me, with the remarkable milestone that 50 CABs have now been accredited in the region, to express my deep gratitude to the European Union and the United Nations Industrial Development Organization (UNIDO) for their relevant contributions to these results, particularly the financing, and implementing of, various quality programmes since 2000.

I hope you enjoy making use of the first directory of accredited Conformity Assessment Bodies (CABs) in West Africa!

FOREWORD



BERNARDO CALZADILLA-SARMIENTO

Director of Trade,
Investment and Innovation, UNIDO

The development of trade is closely linked to industrial development itself. This is notably true for countries in West Africa. Industrial development must also now be seen in the spirit of the Sustainable Development Goals and Agenda 2030, particularly *Sustainable Development Goal 9 on building resilient infrastructure, promoting sustainable industrialization that benefits all and encouraging innovation*.

Estimated at 135 billion USD in 2014, West Africa's annual export volume has remained above the threshold of 100 billion USD during 2010-2014. Despite this relative stability, these results are still considered low compared to the commercial performances of other regions. To boost West Africa's industrial development, UNIDO focuses on supporting its trading platform. Development of trade cannot be considered without certain prerequisites, such as the existence of a Quality Infrastructure.

Conformity certificates, for example, can only be issued after the product has been through a recognized Quality Infrastructure process. The bodies responsible for issuing these precious certificates are among the pillars that make up a Quality Infrastructure and include laboratories, inspection and certification bodies. They are thus commonly referred to as Conformity Assessment Bodies (CABs). There is currently a double challenge for the region: on the one hand, there must be sufficient operational CABs capable to assess the conformity of the numerous and various traded products, and on the other hand, they should guarantee international recognition of the technical competence of these CABs via the accreditation. These are the challenges that the region has been resolutely addressing over the last 15 years, backstopped by its partners, like UNIDO, particularly through projects financed by the European Union and known as quality programmes.

This is why it is with delight that I endorse the first directory on accredited CABs in West Africa: the tool will henceforth enable the identification of the expertise sought throughout

the region, from the North (Nouakchott) to the South (Abidjan) and from East (Niamey) to West (Dakar).

In the early 2000s, speaking of accreditation was odd, or even a taboo, because it was deemed inaccessible by the region. By the end of 2012, about 20 laboratories were counted among the first accredited CABs under the impetus of quality programmes. In 2016, thanks to impact of trainings and the synergy of the efforts of several public and private actors, the threshold of 50 accredited CABs has now been reached.

Congratulations to all!

This tangible result, although it is welcomed, remains very fragile and still insufficient to meet the needs and expectations of no less than 300 million people in the region. Therefore, as part of the Quality Programme Phase 3, UNIDO intends to continue to play its part, in line with the mission entrusted by its member states in 2013: *«Implement inclusive and sustainable industrial development, not only to improve economic competitiveness, but also to create and share prosperity and, lastly, to protect the environment»*.

As a result, about 20 additional CABs are sought to be accredited by 2018. They will complement the region's conformity assessment mechanism, with, as the ultimate objective, **healthy and safe products that benefit the West African consumer**.

Finally, this forum is an opportunity for me to encourage the WAEMU Commission, the ECOWAS Commission, the 16 states of the region and all of their technical and financial partners, to continue to participate fully in the development of accreditation process, the only guarantee of an efficient, sustainable and wealth-creating conformity assessment system. Once again, congratulations for this valuable reference document, which we hope will be enriched in the coming years, through the increasing proliferation of accredited CABs.

ACCREDITATION

ROLE AND CHALLENGES OF THE ECOWAS REGIONAL ACCREDITATION SYSTEM

In West Africa, technical barriers to trade are a major constraint to regional and international trade access for countries in the region. In this context, it is imperative for national conformity assessment bodies (CABs) to be able to produce recognized analysis reports or certificates of conformity that are recognized on a regional and international level.

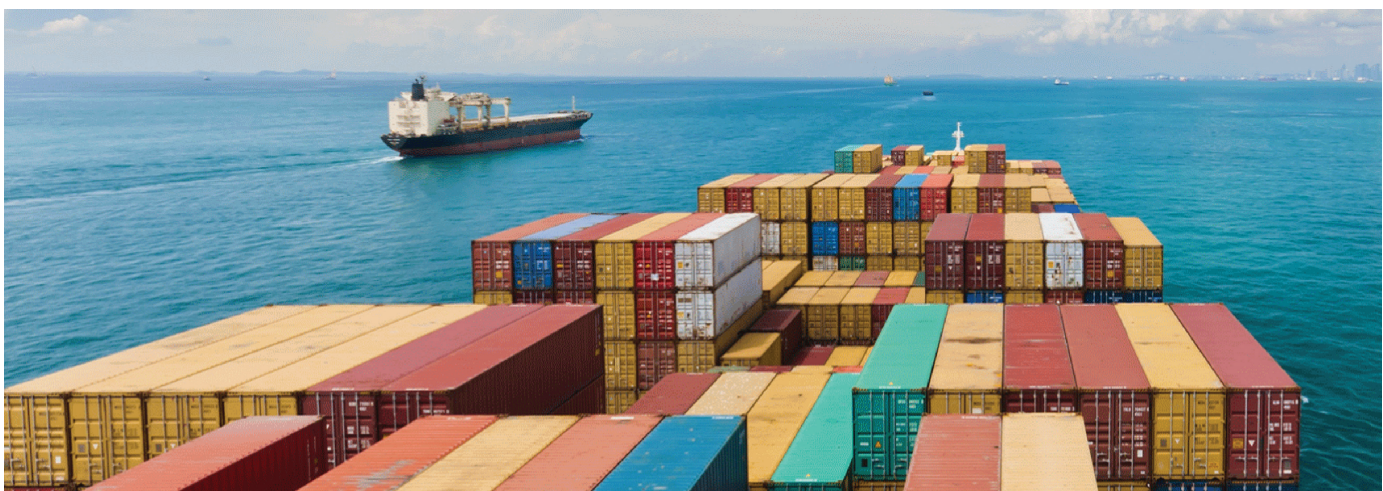
CABs are mainly composed of laboratories (tests and calibrations), certification bodies (certification of individuals, products & services or systems) and inspection structures. The accreditation of these CABs guarantees the quality and international acceptance of the analysis results and the certificates of conformity issued by the latter.

However, accreditation activities are not well developed in the region:

- At the level of the member states of the West African Economic and Monetary Union (UEMOA), the West African Accreditation System (SOAC), which brings together eight economies, organized its constituent general assembly in 2015.
- Two Anglophone countries, Ghana and Nigeria, have started the setting up of their national accreditation body. Regarding Nigeria, the Nigerian National Accreditation Service (NINAS) was established in 2015.

However, SOAC, NINAS and the Ghana project are in their early stages. As a result, the region does not yet have a valuable experience in accreditation. Hence, the conformity assessment bodies of the region use foreign structures for their accreditation needs. In this context, the Council of Ministers set out the provisions for the establishment and implementation of the ECOWAS Regional Accreditation System (RAS) through two community regulations adopted in 2013 and 2017. The objective of the RAS is to coordinate accreditation activities in the community, specifically:

- Support rapid operation of existing or future accreditation bodies, which should operate in accordance with international rules applicable in the field;
- Propose mechanisms for the recognition of the various conformity assessment certificates issued by the ECOWAS member states at the national level pending receipt of international clearance confirming the competence of these accreditation bodies ;
- Establish cooperation arrangements between accreditation bodies established in the region to cover all the needs in this field.



CONFORMITY ASSESSMENT

ISSUES OF ACCREDITATION AND CONFORMITY ASSESSMENT

Products and services are like promises. Business customers, consumers, users and public officials have expectations about products and services relating to features like quality, ecology, safety, economy, reliability, compatibility, interoperability, effectiveness and efficiency. The process for demonstrating that these features meet the requirements of standards, regulations and other specifications is called conformity assessment. In brief, conformity assessment helps to ensure that products and services deliver on their promises.

The increase in trade over the past few decades demands more certainty across borders about the integrity of conformity assessment results. Accreditation is one means of providing this assurance. It is an independent attestation that a conformity assessment body is operating in an impartial and technically competent way. This can greatly enhance the value of the conformity assessment body's outputs, its test or inspection reports, calibration certificates, and system or product certificates.

Building Trust, The conformity assessment tool box, ISO & UNIDO, English Edition (189 pages, ISBN 978-92-67-10511-6)



FIELDS OF ACCREDITATION OF CABS

- ISO/IEC 17025 :2005 General requirements for the competence of testing and calibration laboratories

Exigences générales concernant la compétence des laboratoires d'étalonnages et d'essais

- ISO/IEC 17020:2012 Conformity assessment-requirements for the operation of various types of bodies performing inspection

Evaluation de la conformité-Exigences pour le fonctionnement des différents types d'organismes procédant à l'inspection.

- ISO 15189:2012 Medical laboratories-requirements for quality and competence

Laboratoire de biologie médicale- Exigences concernant la qualité et la compétence

- ISO/IEC 17065:2012 Conformity assessment-requirements for bodies certifying products, processes and services

Evaluation de conformité-Exigences pour les organismes certifiant les produits, les procédés et les services.

- ISO 15190:2003 Medical laboratories- requirements for safety

Laboratoires de médecine-Exigences pour la sécurité



Note : The list of accredited CABS in this directory is non-exhaustive.

The details of accreditation scopes can be found on related accreditation bodies websites.

TABLES

BENIN



Organismes d'évaluation de la conformité / Conformity Assessment Bodies	Organismes d'accréditation / Accreditation Bodies	Domaine d'accréditation / Field of Accreditation
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Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

Agence Nationale de Métrologie et de contrôle qualité (ANM), Laboratoire de Métrologie	Comité français d'accréditation / French Accreditation Body (Cofrac)	Métrologie des masses / Mass metrology
Laboratoire Aiwa Technical Services (ATS)	Cofrac	Essais sur matériaux de construction / Testing building material
Laboratoire Central de contrôle de la sécurité sanitaire des aliments (LCSSA)	BELAC (Organisme belge d'Accréditation, Belgian Accreditation Body)	Chimie et microbiologie des Aliments / Food Chemistry & Microbiology
Laboratoire d'Essais et de Recherches en Génie Civil (LERGC)	Cofrac	Essais sur matériaux de construction / Testing building material

Organismes de certification-produit accrédités ISO CEI 17065/ ISO CEI 17065 accredited product certification bodies

Agence Nationale de Normalisation, de Métrologie et du Contrôle Qualité (ANM)	ACCREDIA (Organisme italien d'Accréditation/Italian accreditation body)	Boissons gazeuses / Soft drinks
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- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership



BURKINA FASO



<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
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Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

<i>Bureau des Mines et de la Géologie du Burkina (BUMIGEB)</i>	<i>Conseil Canadien des Normes / Standard Council of Canada</i>	<i>Physico-Chimique (Analyse minérale) / Physico-Chemical (Mineral Analysis)</i>
<i>Centre International de Recherche-Développement sur l'Élevage en zone Subhumide (CIRDES), Laboratoire de Géotypage</i>	<i>Conseil Tunisien d'accréditation, Tunisian Accreditation Organism (TUNAC)</i>	<i>Analyses génétiques animales / Animal genetic testing</i>
<i>SGS LABORATORY SERVICES BURKINA</i>	<i>SANAS (South African National Accreditation System, Organisme Sud Africain d'Accréditation)</i>	<i>Analyses chimiques de l'or / Chemical Analysis on Gold</i>
<i>SOFITEX, Laboratoire de classement de la fibre de coton</i>	<i>Comité français d'accréditation / French Accreditation Body (Cofrac)</i>	<i>Contrôle qualité des fibres de coton / Quality control of cotton fibers</i>

Organismes de certification - produit accrédités ISO CEI 17065 / ISO IEC 17065 accredited product -certification bodies

<i>ECOCERT</i>	<i>Cofrac</i>	<i>Agriculture biologique et produits agroalimentaires / Organic farming and agri-food products</i>
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- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership



CAP VERT / CAPE VERDE



Organismes d'évaluation de la conformité / Conformity Assessment Bodies	Organismes d'accréditation / Accreditation Bodies	Domaine d'accréditation / Field of Accreditation
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Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

INPHARMA	IPAC (Institut Portugais d'Accréditation/ Portuguese Accreditation Organism)	Contrôle des médicaments, microbiologie et physicochimie agroalimentaire / Drug control, microbiology and Food physicochemistry
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- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership



CÔTE D'IVOIRE

<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
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Laboratoires de biologie médicale accrédités ISO 15189 / ISO 15189 accredited medical laboratories

<i>Laboratoire LONGCHAMP</i>	<i>BELAC (Organisme belge d'Accréditation, Belgian Accreditation Body)</i>	<i>Analyses bio-médicales / medical testing</i>
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Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 Accredited laboratories

<i>AIRONE (ex CASTELLI)</i>	<i>Conseil Tunisien d'accréditation, Tunisian Accreditation Organism (TUNAC)</i>	<i>Analyses physicochimiques sur produits de la pêche / Physicochemical testing of fishery products</i>
<i>BUREAU VERITAS ABIDJAN</i>	<i>Comité français d'accréditation / French Accreditation Body (Cofrac)</i>	<i>Analyses physico-chimiques alimentaires (CACAO) / Food Physical and Chemical Analysis (Cocoa)</i>
<i>BUREAU VERITAS SANS PEDRO</i>	<i>Cofrac</i>	<i>Analyses physico-chimiques alimentaires (CACAO) / Food Physical and Chemical Analysis (Cocoa)</i>
<i>CEMOI CI</i>	<i>BELAC</i>	<i>Microbiologie alimentaire (pâte de cacao, beurre de cacao, tourteaux de cacao) / Food microbiology (cocoa paste, cocoa butter, cocoa meal)</i>
<i>ENVAL</i>	<i>TUNAC</i>	<i>Microbiologie alimentaire / Food microbiology</i>
<i>ENVAL</i>	<i>TUNAC</i>	<i>Physicochimie sur l'eau / Chemistry on Water</i>
<i>Laboratoire National d'Essais de Qualité de Métrologie et d'analyses (LANEMA)</i>	<i>TUNAC</i>	<i>Chimie environnementale / Environmental chemistry</i>

CÔTE D'IVOIRE



<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
<i>Laboratoire National de Santé Publique (LNSP)</i>	TUNAC	<i>Contrôle physicochimique des médicaments humains / Physicochemical control of human drugs</i>
<i>Laboratoire de la SIR (société Ivoirienne de raffinage)</i>	COFRAC	<i>Essais et contrôle des produits pétroliers / Testing and control of petroleum products</i>
VAGNY LAB	TUNAC	<i>Chimie des eaux / Water Chemistry</i>
VAGNY LAB	TUNAC	<i>Microbiologie alimentaire / Food Microbiology</i>

Organismes de certification - produit accrédités ISO CEI 17065 / ISO IEC 17065 accredited product -certification bodies

<i>Bureau Norme Audit (BNA)</i>	<i>DAKKS (Deutsche Akkreditierungsstelle, Organisme Allemand d'Accréditation, Deutch Accreditation Organism)</i>	<i>Production agricole selon GLOBAL GAP / Agricultural production according to GLOBAL GAP</i>
<i>Côte d'Ivoire Normalisation (CODINORM)</i>	<i>ACCREDIA (Organisme italien d'Accréditation/Italian accreditation body)</i>	<i>Fils et câbles électriques/ Electric conductors and cables</i>

Organismes de certification de systèmes accrédités ISO CEI 17021-1 / ISO IEC 17021-1 accredited system certification bodies

<i>Bureau Norme Audit (BNA)</i>	DAKKS	<i>Certification de systèmes de Management de la Qualité ISO9001 et Système de management de la Sécurité des denrées alimentaires ISO 22000/ Certification of ISO 9001 Quality Management Systems and ISO 22000 Food Safety Management</i>
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- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership



GHANA



<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
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Laboratoires de biologie médicale accrédités ISO 15189 / ISO 15189 accredited medical laboratories

<i>MDS-LANCET LABORATORIES GHANA LIMITED</i>	<i>SANAS (South African National Accreditation System, Organisme Sud Africain d'Accréditation)</i>	<i>Chimie, endocrinologie, hématologie, microbiologie, biologie moléculaire et sérologie / Chemistry, Endocrinology, Haematology, Microbiology, Molecular Biology and Serology</i>
<i>MEDLAB Ghana Limited</i>	<i>DAKKS (Organisme d'Accréditation Allemand / German Accreditation Body)</i>	<i>"Chimie clinique, Immunologie, Microbiologie, Virologie, Médication de transfusion / Immunématologie / Clinical Chemistry, Immunology, Microbiology Virology, Transfusion medicine/ Immunhematology</i>

Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

<i>Center for Pharmaceutical Advancement & Training (CePAT)</i>	<i>ANSI-ASQ National Accreditation Board (ANAB)</i>	<i>Produits pharmaceutiques et produits connexes / Pharmaceuticals & related products</i>
<i>Food & Drugs Authority Ghana (FDA)</i>	<i>ANAB</i>	<i>Produits chimiques, produits pharmaceutiques, microbiologie, dispositifs médicaux / Chemical, Pharmaceutical, Microbiology, Medical Devices</i>
<i>Food Microbiology and Food Chemistry Laboratories, Food Research Institute</i>	<i>SANAS (South African National Accreditation System, Organisme Sud Africain d'Accréditation)</i>	<i>Analyses chimiques, toxicologiques, Microbiologie alimentaire / Chemical analysis, toxicology, Food microbiology</i>
<i>GSA, Calibration Laboratory</i>	<i>DAKKS</i>	<i>masse, température, pression, volume / Mass, temperature, pressure, volume</i>
<i>GSA, Heavy Metals Laboratory</i>	<i>DAKKS</i>	<i>Métaux lourds / Heavy Metals</i>

- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership

GHANA



Organismes d'évaluation de la conformité / Conformity Assessment Bodies	Organismes d'accréditation / Accreditation Bodies	Domaine d'accréditation / Field of Accreditation
Ghana Standard Authority (GSA), microbiology laboratory	DAKKS	"Analyse microbiologique de l'eau, des aliments et des échantillons environnementaux dans le domaine de la production alimentaire et de la manipulation des aliments / Microbiological analysis of water, food, animal feeding stuff and environmental samples in the area of food production and food handling"
GSA, Mycotoxins & histamin Laboratory	DAKKS	Analyse chimique des poissons, des produits de la pêche, des céréales, des noix et des produits dérivés / Chemical analysis of fish, fishery products, cereals, nuts and derived products
GSA, Pesticide residue Laboratory	DAKKS	Résidus de pesticides fruits et légumes / Pesticide residues fruits and vegetables
SGS Laboratory c/o Newmont Ghana Gold	Conseil Canadien des Normes / Standards Council of Canada	"Chemical/Physical Mineral Analysis
SGS Laboratory Services Ghana Ltd. Monitoring & Analytical Services Laboratory (MASLAB)	Association canadienne d'accréditation des laboratoires/ Canadian Association for Laboratory Accreditation	Analyses des métaux, analyses physicochimiques et microbiologiques de l'eau, des aliments et des sols ; analyses agroalimentaires / Metals, Physicochemical & Microbiological analysis of water, food and soil and Agri & Food analysis.
SGS TARKWA LABORATORY	SANAS	Analyses chimiques sur l'or / Chemical Analysis on Gold

Organismes de certification de systèmes accrédités ISO CEI 17021-1 / ISO IEC 17021-1 accredited system certification bodies

Ghana Standards Authority Product Certification Department	DAKKS (Organisme allemand d'accréditation/ German accreditation body)	Noix de cajou tonifiées, Chocolat, Eau potable et embouteillée, Eau minérale naturelle embouteillée, Jus de fruits, Gin, Whisky et thon en conserve / Roasted Cashew Nut, Chocolate, Drinking Water, bottled, Natural Mineral Water, bottled Fruit Juice, Gin, Whisky, Canned Tuna
Ghana Standards Authority Systems Certification Department	DAKKS (Organisme allemand d'accréditation/ German accreditation body)	Certification de systèmes de Management de la Qualité ISO 9001 / Certification of ISO 9001 Quality Management Systems

- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership

MALI



<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
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Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

■ <i>Laboratoire National de Santé (LNS)</i>	<i>Conseil Tunisien d'accréditation, Tunisian Accreditation Organism (TUNAC)</i>	<i>Microbiologie alimentaire / Food Microbiology testing</i>
■ <i>SGS Bamako Mineral Laboratory</i>	<i>SANAS (South African National Accreditation System, Organisme Sud Africain d'Accréditation)</i>	<i>Analyses chimiques sur l'or / Chemical Analysis on Gold</i>

- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership



MAURITANIE / MAURITANIA



Laboratoires / Laboratories	Organismes d'évaluation de la conformité / Conformity Assessment Bodies	Domaine d'accréditation / Field of Accreditation
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Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

Office d'Inspection Sanitaire des Produits de la Pêche et de l'Aquaculture (ONISPA), Nouadhibou	Conseil Tunisien d'accréditation, Tunisian Accreditation Organism (TUNAC)	Microbiologie alimentaire / Food Microbiology testing
ONISPA Nouadhibou	TUNAC	Chimie alimentaire / Food Chemistry
ONISPA Nouakchott	TUNAC	Microbiologie alimentaire / Food Microbiology testing
ONISPA Nouakchott	TUNAC	Chimie alimentaire / Food Chemistry

Organismes d'inspection accrédités ISO CEI 17020 / ISO IEC 17020 accredited inspection bodies

Département Inspection ONISPA Nouakchott/Nouadhibou	TUNAC	Inspection des produits de pêche / Inspection of fishery products
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- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership

NIGERIA

<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
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Laboratoires de biologie médicale accrédités ISO 15189 / ISO 15189 accredited medical laboratories

<i>PATHCARE GROUP, Abuja Regional Lab</i>	<i>SANAS (South African National Accreditation System, Organisme Sud Africain d'Accréditation)</i>	<i>Analyses Médicales (Chimie, Hématologie, Endocrinologie et Sérologie) / Medical testing (Chemistry, Hematology, Endocrinology and Serology)</i>
<i>PATHCARE GROUP, LUTH Emergency Lab</i>	<i>SANAS</i>	<i>Chimie, endocrinologie, hématologie et sérologie / Medical Analyzes (Chemistry, Hematology, Endocrinology and Serology)</i>
<i>PATHCARE GROUP, VI Lab</i>	<i>SANAS</i>	<i>Analyses médicales (Chimie, Hématologie et Endocrinologie) / Medical testing (Chemistry, Hematology and Endocrinology)</i>

Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

<i>MIDWAL ENGINEERING SERVICES LTD</i>	<i>International Accreditation Service (IAS)</i>	<i>Tests mécaniques / Mechanical Testing</i>
<i>Mudiame International Limited</i>	<i>IAS</i>	<i>Laboratoire d'étalonnage (dimensionnel, mécanique, thermique, électrique) / Calibration Lab (Dimensional, Mechanical, Thermal, Electrical)</i>

NIGERIA

<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
<i>Mudiame International Limited</i>	<i>IAS</i>	<i>Laboratoire de test (produits chimiques, matériaux de construction, environnement, mécanique) / Testing Lab (Chemical, Construction Material, Environmental, Mechanical)</i>
<i>National Agency for Food and Drug Administration and Control (NAFDAC), Central Laboratory</i>	<i>American Association for Laboratory Accreditation (A2LA) A2LA</i>	<i>Residus de pesticide & Mycotoxines / Pesticide residue & Mycotoxins</i>
<i>National Agency for Food and Drug Administration and Control (NAFDAC), Central Drug Control Laboratory</i>	<i>ANSI-ASQ National Accreditation Board (ANAB)</i>	<i>Produits pharmaceutiques et produits connexes / Pharmaceuticals & related products</i>
<i>Nigeria LNG Limited Production Technical Services Laboratory</i>	<i>A2LA</i>	<i>Produits chimiques (eau potable et non potable, mélanges de gaz naturel, liquéfiés et pétrole, hydrocarbures) / Chemical (potable and non-potable water, natural gas mixtures, liquefied and petroleum; hydrocarbon products.)</i>
<i>Standards Organization of Nigeria (SON) Food Technology Laboratory</i>	<i>A2LA</i>	<i>Chimie alimentaire / Food chemistry</i>
<i>Standards Organization of Nigeria (SON) Food Technology Laboratory</i>	<i>A2LA</i>	<i>Microbiologie alimentaire / Food Microbiology</i>

- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership

SENEGAL



<i>Organismes d'évaluation de la conformité / Conformity Assessment Bodies</i>	<i>Organismes d'accréditation / Accreditation Bodies</i>	<i>Domaine d'accréditation / Field of Accreditation</i>
Laboratoires de biologie médicale accrédités ISO 15189 / ISO 15189 accredited medical laboratories		
BIO24	Comité français d'accréditation / French Accreditation Body (Cofrac)	Biologie médicale (Biochimie, Hématologie et Microbiologie) / Medical Biology (Biochemistry, Hematology and Microbiology)
Laboratoire Bactériologie-Virologie de l'hôpital Aristide LeDantec	Institute for Quality Management in Healthcare (IQMH) du Canada	Medical Biology (Immunology, Serology and Virology) / Biologie médicale (Immunologie, Serologie et Virologie)
Laboratoires de biologie médicale accrédités ISO 15190 / ISO 15190 accredited medical laboratories		
Laboratoire Bactériologie-Virologie de l'hôpital Aristide LeDantec	Institute for Quality Management in Healthcare (IQMH) du Canada	Medical Biology (Immunology, Serology and Virology) / Biologie médicale (Immunologie, Serologie et Virologie)
Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories		
Laboratoire Africain de Métrologie (LAME)	Cofrac	masses et volumes / mass & volume
Laboratoire National d'Analyses et de Contrôle (LANAC)	Cofrac	Chimie agroalimentaire (Corps Gras) / Agro-food chemistry (fatty substances)
Laboratoire de microbiologie alimentaire de l'Institut Pasteur de Dakar	Cofrac	Analyses microbiologiques des produits et environnement agro-alimentaires / Microbiological analyzes of agri-food products and environment
Laboratoire de résidus de pesticides de la fondation CERES LOCUSTOX	Cofrac	Chimie Agro-alimentaire (Résidus de pesticide) / Agro- food chemistry (pesticide residues)
«SGS Minerals Sabodala Laboratory	Conseil Canadien des Normes / Standards Council of Canada	Analyse minérale physique & chimique / Chemical, Physical Mineral Analysis
Institut de technologie Alimentaire (ITA)-Laboratoire des Mycotoxines	Cofrac (Comité Français d'Accréditation) / French Accreditation body	Analyses physico-chimiques agroalimentaires et divers aliments (Dosage des mycotoxines et des phycotoxines) / Agro-food toxicological tests (Mycotoxin and phycotoxin analysis)
Organismes de certification-produit accrédités ISO CEI 17065/ ISO CEI 17065 accredited product certification bodies		
Association Sénégalaise de Normalisation (ASN)	ACCREDIA (Organisme italien d'Accréditation/Italian accreditation body)	Eau potable / Drinking water

- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership

TOGO



Organismes d'évaluation de la conformité / Conformity Assessment Bodies	Organismes d'accréditation / Accreditation Bodies	Domaine d'accréditation / Field of Accreditation
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Laboratoires de biologie médicale accrédités ISO 15189 / ISO 15189 accredited medical laboratories

Laboratoire de biologie médicale de la clinique BIASA	Comité français d'accréditation / French Accreditation Body (Cofrac)	Biologie médicale (Biochimie) / Medical Biology (biochemistry)
Laboratoire de biologie médicale de l'Institut National d'Hygiène (INH)	Cofrac	Biologie médicale (Hématologie) / Medical Biology

Laboratoires accrédités ISO CEI 17025 / ISO IEC 17025 accredited laboratories

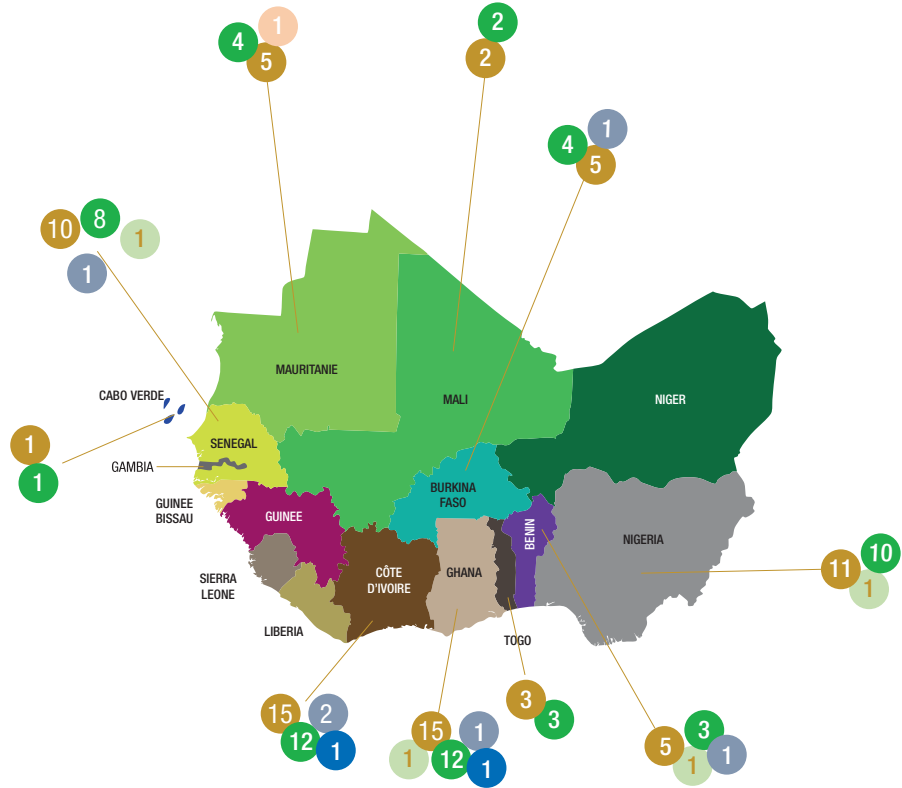
Laboratoire de microbiologie alimentaire de l'Institut National d'Hygiène (INH)	Cofrac	microbiologie alimentaire / Food microbiology
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- Organisme privé / Private body
- Organisme public / Public body
- Partenariat public & privé / Private public partnership



MAPS

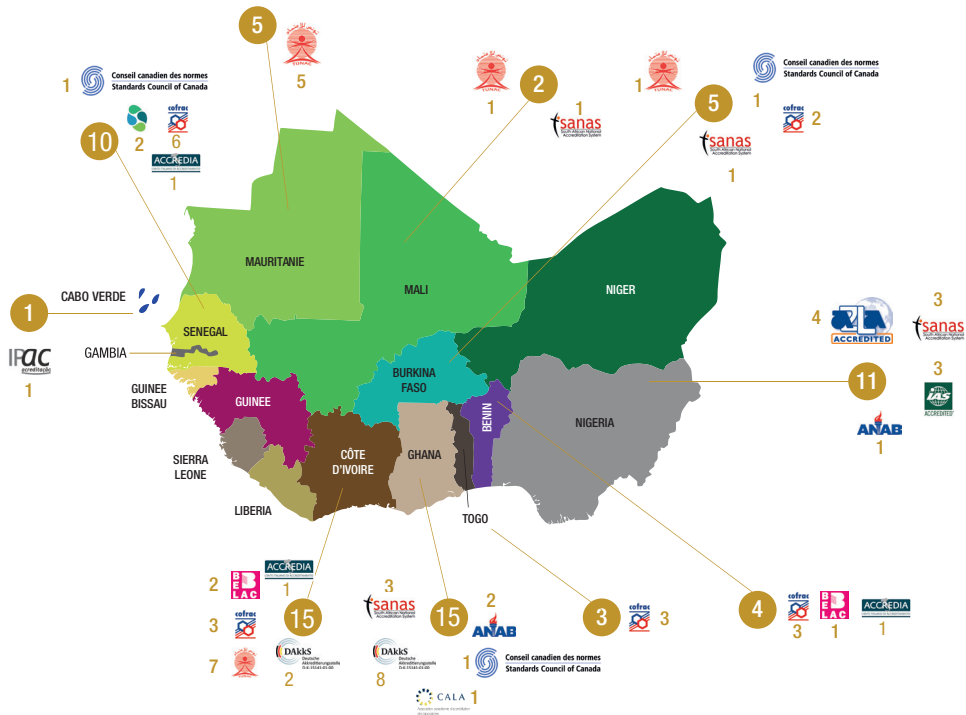
TYPE D'ORGANISMES D'ÉVALUATION DE LA CONFORMITÉ (OEC) ACCRÉDITÉS PAR PAYS / TYPE OF ACCREDITED CONFORMITY ASSESSMENT BODIES (CAB) PER COUNTRY



LEGENDE / LEGEND:

- Laboratoire d'essais / Testing laboratory
- Laboratoire d'étalonnage / Calibration Laboratory
- Organisme d'Inspection/ Inspection body
- Organisme de certification-produit / Product-Certification Body
- Organisme de certification des Systèmes / Systems certification body
- OEC accrédité / Accredited CAB

ORGANISMES D'ACCREDITATION PRESENTS DANS LA RÉGION OUEST - AFRICAINE / ACCREDITATION BODIES OPERATING IN WEST AFRICA



LEGENDE / LEGEND:



Conseil canadien des normes / Standards Council of Canada (4)*



Comité français d'accréditation / French Accreditation Body (COFRAC) (17)*



Organisme Sud Africain d'Accréditation / South African National Accreditation System, (08)*



Conseil Tunisien d'accréditation / Tunisian Accreditation Body (TUNAC) (14)*



Organisme Allemand d'Accréditation/ Deutch Accreditation Organism (DAKKS) (10)*



American association for Laboratory Accreditation (04)*



ANSI-ASQ National Accreditation Board (USA) (03)*



International Accreditation Service (Canada) (03)*



Organisme belge d'Accréditation/ Belgian Accreditation Body (03)*



Institut Portugais d'Accréditation/ Portuguese Accreditation Organism (01)*



Institute for Quality Management in Healthcare (IQMH) du Canada (01)*



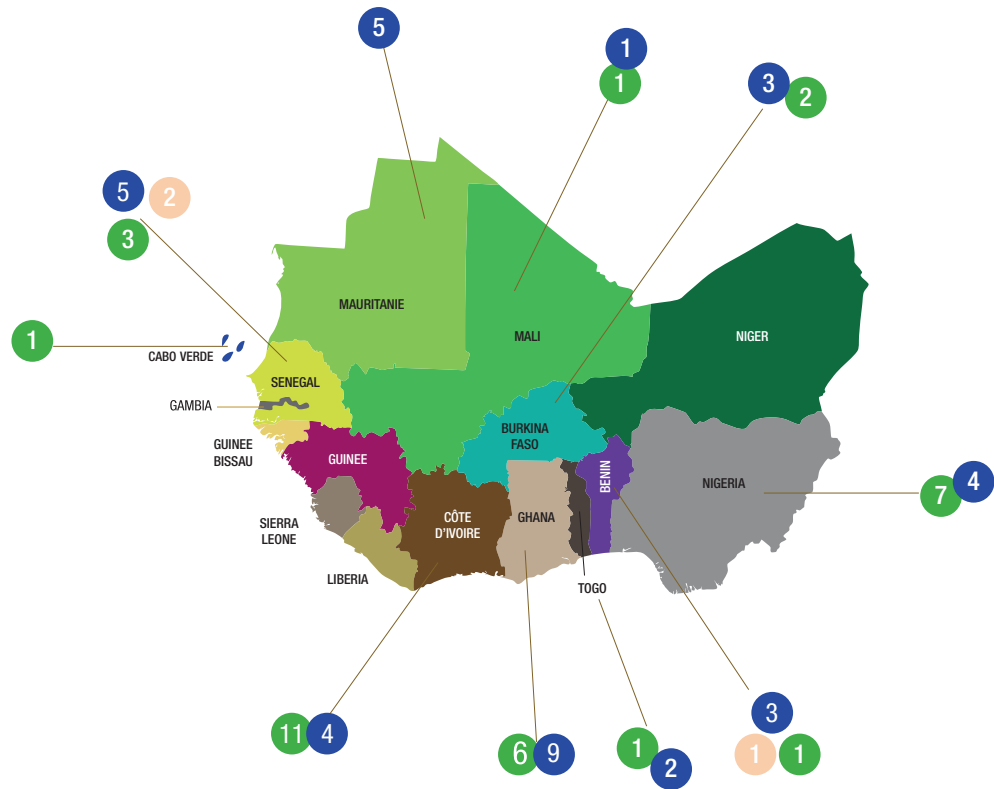
Association canadienne d'accréditation des laboratoires (01)*



Organisme italien d'accréditation / italian accreditation body (ACCREDIA) (03)*

*Le chiffre marqué devant la dénomination de l'organisme d'accréditation représente le nombre d'OEC accrédité(s) par ce dernier/The number of CABs accredited by the accreditation body

**STATUT PUBLIC / PRIVÉ DES ORGANISMES D'ÉVALUATION DE LA CONFORMITÉ ACCRÉDITÉS /
PUBLIC / PRIVATE ACCREDITED CONFORMITY ASSESSMENT BODIES**

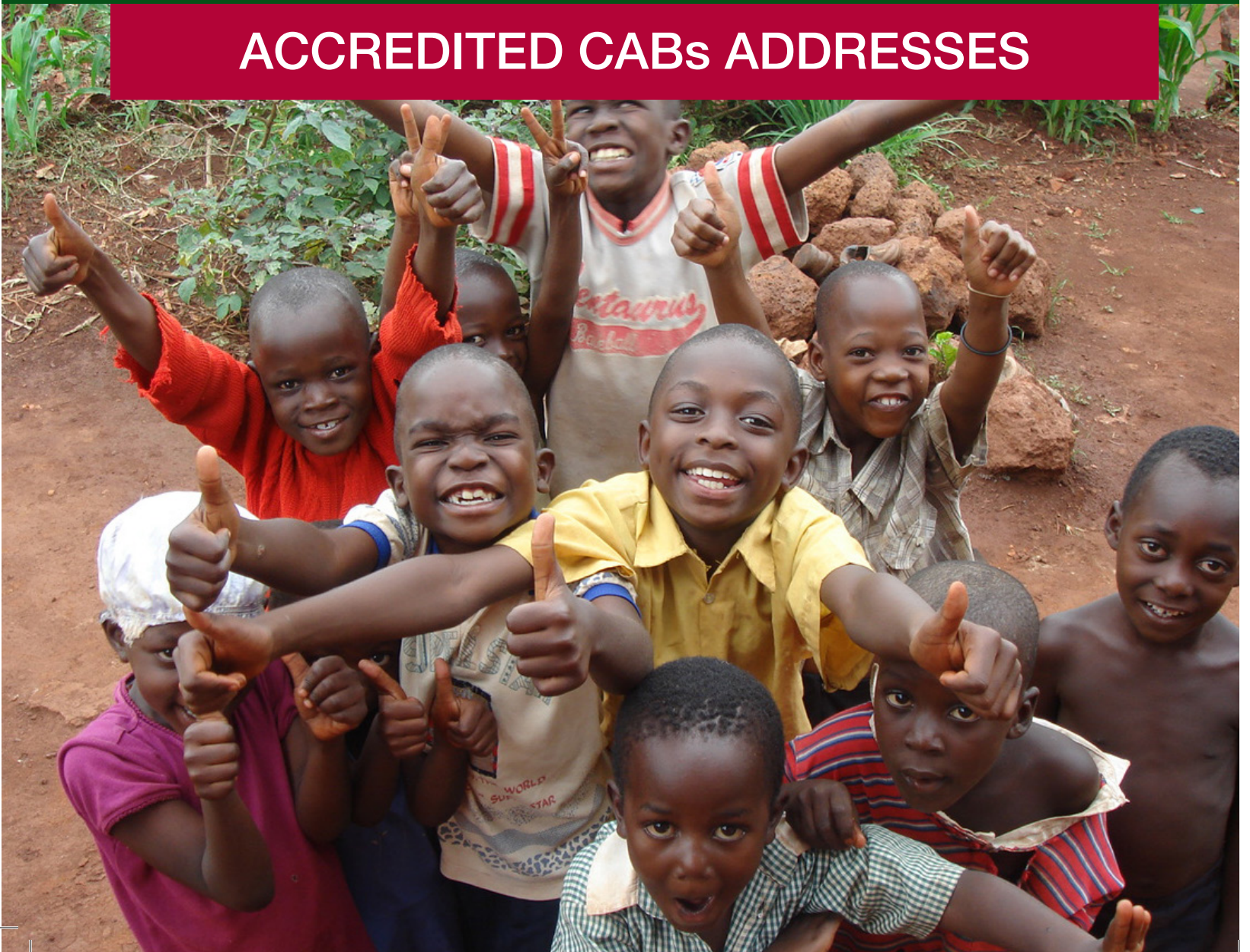


LEGENDE / LEGEND:

- OEC public accrédité / Public accredited CAB (35)
- OEC privé accrédité / Private accredited CAB (32)
- Partenariat public & privé / Private public partnership (3)



ACCREDITED CABs ADDRESSES



Etats / Countries	OEC / CABs	Contact Person / Personne de Contact	Email
Bénin/Benin	Agence Nationale de Métrologie et de contrôle qualité (ANM), Laboratoire de Métrologie	Loukoumanou OSSENI	osslooki@yahoo.fr
	Laboratoire Aiwa Technical Services (ATS)	Aristide AVODAGBE	avodaris@yahoo.fr
	Laboratoire d'Essais et de Recherches en Génie Civil (LERGC)	Crepin ZEVOUNOU	lergc2000@yahoo.fr
	Laboratoire Central de contrôle de la sécurité sanitaire des aliments (LCSSA)	Assongba Gbodja H.	assongbahugues@yahoo.fr
Burkina Faso	SOFITEX, Laboratoire de classement de la fibre de coton	Rodolphe Ky Jöel	ky.joel@sofitex.bf
	Centre International de Recherche-Développement sur l'Elevage en zone Subhumide (CIRDES), Laboratoire de Génotypage	Valentine Yapi GNAORE	dgcirdes@fasonet.bf
	ECOCERT	Pierre BERST	pierre.berst@ecocert.fr
	SGS LABORATORY SERVICES BURKINA	Samuel E AMPAH	samuel.ampah@sgs.com
	Bureau des Mines et de la Géologie du Burkina (BUMIGEB)	Aristide Aimé ZONGO	aristidezongo@ymail.com
Cap Vert / Cape Verde	INPHARMA	Elisete Oliveira Lima	inpharma@inpharma.cv
Côte d'Ivoire	Laboratoire de la SIR (société Ivoirienne de raffinage)	Noel Kouassi	noel.kouassi@sir.ci
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	Laboratoire National de Santé Publique (LNSP)	Malan Kla ANGLADE	anglade@aviso.ci; angladem01@gmail.com
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	Bureau Norme Audit	Olga KOUASSI	bn @ aviso.ci
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	BUREAU VERITAS ABIDJAN	Geneviève FOFANA	genevieve.fofana@ci.bureauveritas.com
	BUREAU VERITAS SANS PEDRO	Geneviève FOFANA	genevieve.fofana@ci.bureauveritas.com
	Laboratoire National d'Essais de Qualité de Métrologie et d'analyses (LANEMA)	Yapi Clément AIE	www.lanema.ci
	Laboratoire LONGCHAMP	Boni Adom D.	labmlong@yahoo.fr, adomdaniele@yahoo.fr
	Côte d'Ivoire Normalisation (CODINORM)	Constant BOKA	constantboka@codinorm.ci

Etats / Countries	OEC / CABs	Contact Person / Personne de Contact	Email
Ghana	Ghana Standard Authority (GSA), microbiology laboratory	Frank K. Nagetey	"Official: fnagetey@gsa.gov.gh Personal: kofnag@yahoo.com
	GSA, Pesticide residue Laboratory		
	GSA, Mycotoxins & histamin Laboratory		
	GSA, Heavy Metals Laboratory		
	GSA, Calibration Laboratory		
	GSA Product Certification Department	Franck Nagatey	fnagatey@gsa.gov.gh
	GSA Systems Certification Department		Gsa.systemcertification@gmail.com
	MDS-LANCET LABORATORIES GHANA LIMITED		
	MDS-LANCET LABORATORIES GHANA LIMITED	Paul Sekyere-Nyantakyi	monica@lancet.co.za
	Food Microbiology and Food Chemistry Laboratories, Food Research Institute	Nanam Tay Dzedzoave	info@foodresearchgh.org; director@foodresearchgh.org
	Food & Drugs Authority Ghana (FDA)	Eric Boateng	Eric.Boateng@fdaghana.gov.gh
	Center for Pharmaceutical Advancement & Training (CePAT)	Kwasi Poku Boateng	kpb@usp.org
	MEDLAB Ghana Limited	Rosemary Keatley	medlab@medlab.com.gh
	SGS Laboratory c/o Newmont Ghana Gold	Desree Schonfeldt	"desree.schonfeldt@newmont.com desree.schonfeldt@sgs.com
Mali	SGS Laboratory Services Ghana Ltd. Monitoring & Analytical Services Laboratory (MASLAB)	Berko-Asamoah Boateng	Berko-asamoah.boateng@sgs.com
	SGS TARKWA LABORATORY	T Botes	SGS.Tarkwa.lab@sgs.com
	SGS Bamako Mineral Laboratory	Alex Oppong	Alex_oppoing@sgs.com
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Mauritanie / Mauritania	Office d'Inspection Sanitaire des Produits de la Pêche et de l'Aquaculture (ONISPA), Nouadhibou	Aly DARTIGE	alydartige@yahoo.fr
	ONISPA Nouakchott		
	ONISPA Nouadhibou		
	ONISPA Nouakchott		

















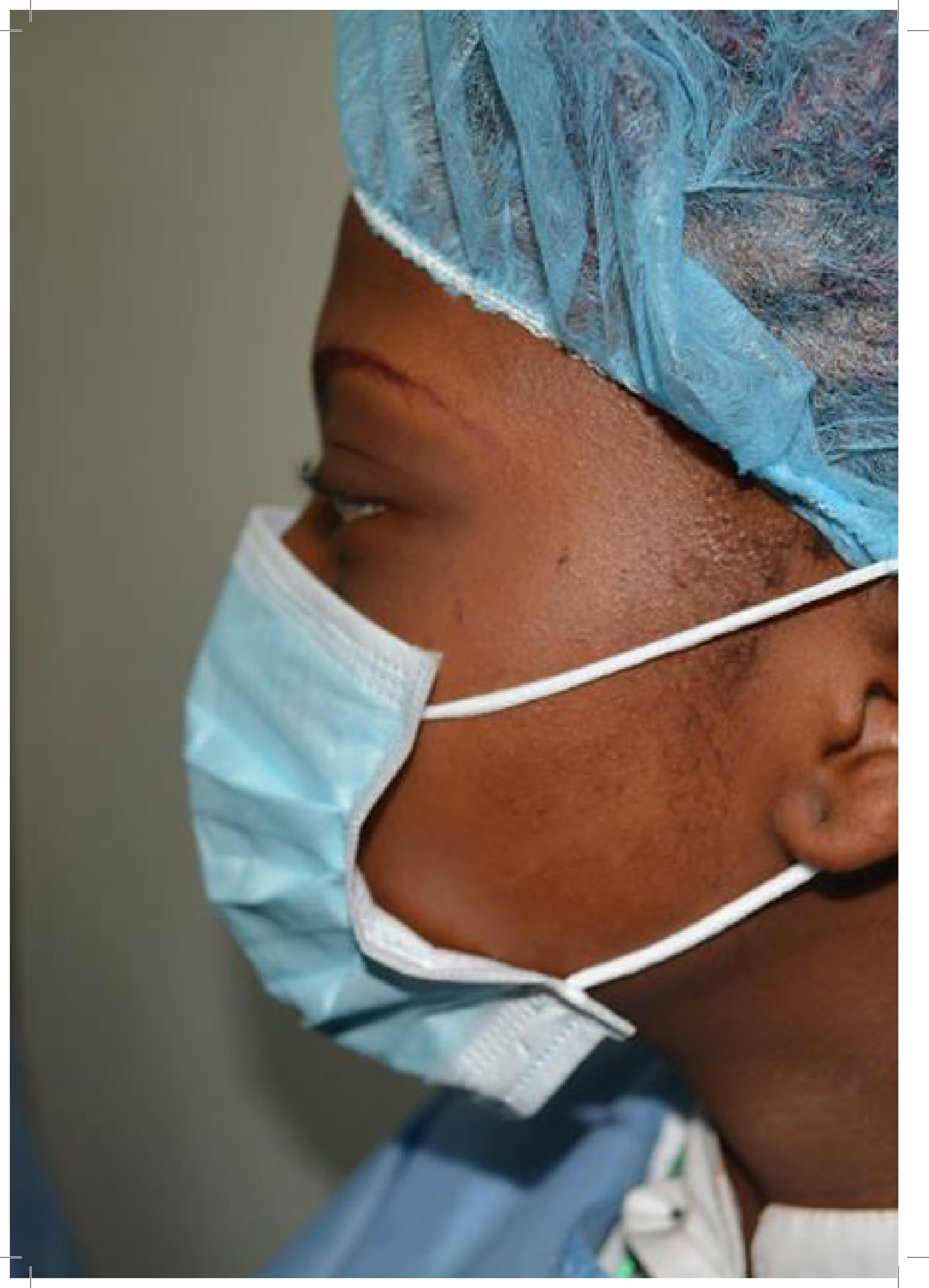
Etats / Countries	OEC / CABs	Contact Person / Personne de Contact	Email
Nigeria	National Agency for Food and Drug Administration and Control (NAFDAC), Central Laboratory	"Director, Laboratory Services Central Laboratory, Oshodi - LAGOS»	
	denloye_stella@yahoo.com		
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	PATHCARE GROUP, VI Lab	J. Wassüng	jameso@pathcarenigeria.com
	PATHCARE GROUP, Abuja Regional Lab		janette.wassung@pathcare.com
	PATHCARE GROUP, LUTH Emergency Lab		chinweo@pathcare.com
	Nigeria LNG Limited Production Technical Services Laboratory	Jacob Adaramola	pcnlghelpdesk@pathcarenigeria.com
	Standards Organization of Nigeria (SON) Food Technology Laboratory		
	Standards Organization of Nigeria (SON) Food Technology Laboratory	Owoyele Oyeniike	nixowoyele@yahoo.com
	Mudiame International Limited	Sunny Eboh Eromosele	www.mudiame.com; info@mudiame.com; info@mudiame.com
	Mudiame International Limited	Sunny Eboh Eromosele	www.mudiame.com; info@mudiame.com; info@mudiame.com
	MIDWAL ENGINEERING SERVICES LTD	Mr. Olumide Adeyemo	www.midwaleng.com
	Sénégal / Senegal	Laboratoire Africain de Métrologie (LAME)	Lamine Bara DIAGNE
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Laboratoire Bactériologie-Virologie de l'hôpital Aristide LeDantec		Souleymane MBOUP	virus@orange.sn
"SGS Minerals Sabodala Laboratory			
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Laboratoire de résidus de pesticides de la fondation CERES LOCUSTOX		Pap Samb Gueye	psamgueye@yahoo.fr
Laboratoire des Mycotoxines de l'Intitut de Technologie Alimentaire (ITA)		Dr Mamadou A. SECK	lta@ita.sn ; www.ita.sn
Association Sénégalaise de Normalisation (ASN)		Barama SARR	asn@orange.sn www.asn.sn



**ILAC/IAF MRA SIGNATORIES
ACCREDITATION BODIES
IN WEST AFRICA**



	Organismes d'accréditation / Accreditation Bodies	Website of Accreditation Bodies / Site Web des organismes d'accréditation
	American Association for Laboratory Accreditation (A2LA)	www.a2la.org
	ANSI-ASQ National Accreditation Board (ANAB)	www.anab.org
	The Canadian Association for Laboratory Accreditation Inc.	www.cala.ca/dirvsaccred.html
	BELAC (Organisme belge d'Accréditation, Belgian Accreditation Body)	http://economie.fgov.be/fr/entreprises/vie_entreprise/Politique_qualite/Accreditation/
	Comité français d'accréditation / French Accreditation Body (Cofrac)	www.cofrac.fr
	Conseil Canadien des Normes / Standard Council of Canada	www.scc.ca
	Conseil Tunisien d'accréditation, Tunisian Accreditation Body (TUNAC)	www.tunac.tn
	DAKKS (Deutsche Akkreditierungsstelle, Organisme Allemand d'Accréditation, Deutch AccreditationBody)	http://www.dakks.de/en/content/accredited-bodies-dakks?Regnr=D-ZE-19245-01-00
	International Accreditation Service (IAS)	www.iasonline.org
	IPAC (Institut Portugais d'Accréditation/ Portuguese Accreditation Body)	www.ipac.pt
	Institute for Quality Management in Healthcare (IQMH) du Canada	www.iqmh.org
	SANAS (South African National Accreditation System, Organisme Sud Africain d'Accréditation)	http://home.sanas.co.za/
	ACCREDIA (Organisme italien d'accréditation / Italian accreditation body)	http://www.accredia.it





WAQSP IN A FEW WORDS

West Africa Quality System Programme

Support for the implementation of the ECOWAS Quality Policy

DONOR

European Union

FUNDING AMOUNT

EUR 12 000 000

BENEFICIARIES

Regional Level

UEMOA Commission, ECOWAS Commission

National Level

Benin, Burkina Faso, Cape Verde, Côte d'Ivoire, Gambia, Ghana, Guinea, Guinea Bissau, Liberia, Mali, Niger, Nigeria, Senegal, Sierra Leone, Togo & Mauritania.

IMPLEMENTING AGENCY

UNIDO

ISSUES

Quality Infrastructure : Quality policy, Accreditation, Metrology, Standardization, Conformity assessment, Quality promotion
Technical regulations

CONTACT :

Aka Jean Joseph KOUASSI

Chief Technical Adviser (CTA), West Africa Quality System Programme (WAQSP) - UNIDO

Technical Adviser on Standards and Quality of ECOWAS Commissioner for Industry and Private Sector Promotion

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