



# REPORT OF THE THIRD ARAB CODEX COLLOQUIUM





## Index

Introduction	4
Day 1: Tuesday, June 11, 2024	4
Opening Ceremony	4
Introductory Presentation: Achievements of the Arab Codex Initiative	5
Session 1: Review of Outputs of Key Codex Committees (2024) – Part I	5
Session 2: Parallel Working Sessions	6
Session 3: Review of Outputs of Key Codex Committees (2024) – Part II	7
Day 2: Wednesday, June 12, 2024	8
Session 4: Review of Outputs of Parallel Working Sessions and Presentations	8
Session 5: Updates on Initiatives Underway — Arab Codex Program	13
Day 3: Thursday, June 13, 2024	14
Session 6: Mapping the Future of the Arab Codex Initiative	14
Closing Session	15
General Recommendations	16
Annex: List of Participants	17

## Introduction

Under the high patronage of the Jordan Standards and Metrology Organization (JSMO), the Third Arab Codex Colloquium was organized by the Arab Industrial Development, Standardization and Mining Organization (AIDSMO) in cooperation with the Global Food Regulatory Science Society (GFoRSS). The Colloquium was convened from 11-13 June 2024, at the W Amman Hotel, Jordan.

**72** Arab Codex Member representatives attended this session, along with participants from regional standards and quality organizations, the U.S. Codex office, private sector representatives, and other supporting experts / entities.

The Third Colloquium marks a significant step towards strengthening regional cooperation and developing coordination mechanisms among Arab countries in the areas of food safety and Codex standards harmonization. It serves as a platform for sharing experiences and best practices, contributing to improved food quality and safety in the region and elevating the status of Arab countries on the international stage.

## Day 1: Tuesday, June 11, 2024

Participant registration at 8:30 a.m. kicked-off the Third Colloquium.

#### **Opening Ceremony**

The opening session was moderated by Eng. Sharif Almhirat, representative of JSMO and included the Jordanian national anthem, followed by introductory remarks from:

- Prof. Junshi Chen, Honorary President, Global Food Regulatory Science Society (GFoRSS).
- Dr. Mary Frances Lowe, Director, United States Codex Program.
- Eng. Ali Al-Ghafri, Chair of the Arab Taskforce on Food Safety (ATF), Oman Centre for Food Safety and Quality.
- $\begin{tabular}{l} \clubsuit \end{tabular} \label{table_equation} Eng. Ahmed Al-Bashah, Head of Standards, GCC Standardization Organization (GSO). \\$
- Dr. Khaled Soufi, Chairman of Egyptian Organization for Standardization and Quality (EOS) & Egyptian Codex.
- Dr. Tareq El-Houby, Chairman of the Egyptian National Food Safety Authority (NFSA).

- Eng. Ahmed Eddouaicer, Coordinator Arab Codex Initiative, Arab Industrial Development, Standardization and Mining Organization (AIDSMO).
- H.E. Eng. Abeer Barakat Al Zuhair, Director General of Jordanian Standards and Metrology Organization.

Subsequent to the opening ceremony, Eng. Sharif Almhirat invited all participants to introduce themselves and their affiliation (see <u>Annex 1</u> for the list of participants). Review of the <u>colloquium agenda</u> followed.

#### Introductory Presentation: Achievements of the Arab Codex Initiative

Eng. Ahmed Eddouaicer, Coordinator of the Arab Codex Initiative/AIDSMO, delivered a <u>presentation of the achievements of the Arab Codex initiative</u>, emphasizing that its success reinforces the organization's commitment to launch new initiatives that enhance Arab participation at regional and international levels. He noted that these achievements were made possible as a result of the support and close cooperation from member states and partner organizations.

#### Session 1: Review of Outputs of Key Codex Committees (2024) – Part I

The session was moderated by Dr. Ruba Nail Goussous, JFDA, Jordan, where the outputs of the Codex Technical Committees were reviewed. The presentations provided a comprehensive overview of the main discussions and prioritized agenda items, in addition to, presenting the recommendations and future work of the Codex committees. Presenters included:

- Eng. Hanan Fouad, Director of the Food Standards Department at EOS, Egyptian Codex Contact Point,
   presented the outcomes of Codex Committee on Spices and Culinary Herbs (CCSCH7).
- Eng. Nessma Shannak, Head of Food Industries Department at JSMO, Jordanian Codex Contact Point,
   presented the <u>outcomes of Codex Committee on Fats and Oils (CCFO28)</u>.
- Eng. Ali Al-Ghafri, Director of the Food Standards and Conformity Department at Oman's Food Safety and Quality Center and Omani Codex Contact Point, presented the <u>outcomes of the Codex</u> Committee on Food Hygiene (CCFH54).

Dr. Wiem Guissouma, GFoRSS expert (Arab Codex Initiative), presented the <u>outcomes of the Codex</u>
 Committee on Food Additives (CCFA54).

Through these presentations, participants were afforded the opportunity to exchange knowledge and experiences, gain insights into the issues discussed, recommendations made, and significant decisions reached during the Codex proceedings. The objective was to utilize this information to enhance the involvement of Arab delegations and promote active participation at upcoming Codex meetings.

### Session 2: Parallel Working Sessions

Prof. Samuel Godefroy (Laval University, IUFoST/GFoRSS) delivered a <u>presentation detailing the scope</u>, objectives and methodology of the parallel working sessions.

The parallel working sessions utilized a two-prong approach to address priority areas:

- First Prong: Identify key agenda items for the next Codex Committees to be held prior to the 47th Session of the Codex Alimentarius Commission (CAC) to optimize results.
  - Codex Committee on Food Import and Export Inspection and Certification Systems (CCFICS27), Cairns, Australia, September 16-20, 2024.
  - Codex Committee on Nutrition and Foods for Special Dietary Uses (CCNFSDU44), Dresden, Germany, October 2-6, 2024.
  - Codex Committee on Residues of Veterinary Drugs in Foods (CCRVDF27), Omaha, Nebraska, United States of America, October 21-25, 2024.
  - Codex Committee on Food Labeling (CCFL48), Quebec City, Canada, October 27 November 1, 2024.
- Second Prong: To enhance the performance of the Arab Codex Initiative, propose regional coordination mechanisms supported by regional standardization organizations and develop a methodology for setting priorities in line with the needs of the region, ensuring that efforts and resources are directed towards the most important and impactful issues.

#### Participants were divided into two groups:

- Group 1: Algeria, Bahrain, Egypt, Tunisia, Jordan, Palestine, United Arab Emirates, who discussed the following points:
  - Development of Methodology for setting priorities to prepare for upcoming meetings of the Codex Committees CCNFSDU27 & CCFL48.
  - Propose mechanisms to enhance coordination and cooperation among Arab member states in implementing regional Codex activities as well identifying methods to align efforts between regional organizations such as the AIDSMO, GSO, and CCNE.
  - Submit a proposal on establishing and defining the scope of work of a new committee concerned with preparing the guidelines that the Arab Codex Initiative should adopt in managing its work, including matters related to financing the participation of Arab delegations in Codex activities, provided that these principles are consistent with the Codex values of cooperation, transparency, inclusiveness, and consensus building.
- **Group 2:** Morocco, Libya, Lebanon, Iraq, Oman, Somalia, who discussed:
  - The prioritization methodology to prepare for the upcoming CCFICS27 and CCRVDF27 committee meetings, including strategies to enhance regional coordination efforts, by reviewing the agendas or reports of previous sessions to identify priority items and areas that will be the subject of discussion, and prepare recommendations and proposals.

## Session 3: Review of Outputs of Key Codex Committees (2024) – Part II

The session reviewed the outputs of the following committees:

- CCCF17: Dr. Karima Zouine, representative of the National Food Safety Office, Morocco and GFoRSS expert (Arab Codex Initiative), presented the <u>outcomes of the 17<sup>th</sup> session of the Codex Committee</u> on Contaminants in Food (CCCF17).
- CCMAS43: Eng. Ali Al-Ghafri, Director of the Food Standards and Conformity Department at Oman's
  Food Safety and Quality Center and Omani Codex Contact Point, presented the <u>outcomes of the 43<sup>rd</sup></u>
  session of the Codex Committee on Methods of Analysis and Sampling (CCMAS43).

CCPR55: Eng. Sonia Baladi, ADAFSA, UAE, presented the 55<sup>th</sup> session <u>outcomes of the Codex</u>
 Committee on Pesticide Residues in Food (CCPR55).

The first day concluded with a session to review achievements and an official dinner, during which awards were presented to honor the Arab countries that excelled in their volunteer efforts to prepare and participate in the coordination meetings of the Arab Codex Initiative, namely:

- Eng. Hanan Fouad: Representative of the National Codex Committee in Egypt.
- Eng. Nessma Shannak: Representative of the National Codex Committee in Jordan.
- Eng. Ali Al-Ghafri: Representative of the National Codex Committee in Oman.
- Eng. Humaid AlShamsi: Representative of the National Codex Committee in UAE.
- Eng. Sanae Ouazzani: Representative of the National Codex Committee in Morocco.

## Day 2: Wednesday, June 12, 2024

Day 2 began at 9:00 a.m. with Session 4.

## Session 4: Review of Outputs of Parallel Working Sessions and Presentations

The session was moderated by Eng. Hanan Fouad, Director of the Food Standards Department, EOS and Egyptian Codex Contact Point. The discussion focused on the significance of Codex to the Arab region and explored strategies to strengthen the Arab Codex initiative. Key topics included proposing regional coordination mechanisms with support from standardization organizations and developing a methodology to prioritize Codex standards aligned with regional needs. Additionally, the session addressed activities aimed at bolstering national and regional food regulatory programs.

During this session, the outcomes of the parallel working groups and presentations were reviewed. The most significant topics discussed, and recommendations proposed have been summarized below:

1. The first priority area is related to enhancing the performance of the Arab Codex Initiative and developing a methodology to identify priorities that are in line with the needs of the region, ensuring that efforts and resources are directed towards the most important and impactful issues.

- Establishment of an Arab Committee to develop guidelines to encourage Arab Codex Contact points to actively participate in the Codex activities.
  - > Creating a committee of up to 10 Arab countries.
  - Establishing rules of procedure and committee composition criteria.
  - Define the committee's mission(s).

### The proposed tasks of the committee would be as follows:

- ✓ Identify and review priorities to meet the requirements and needs of Codex programs in the Arab region.
- $\checkmark$  Consider facilitating international trade and removing technical barriers to trade.
- $\checkmark$  Following international best practices in coordinating regional positions.
- ✓ Develop an annual/quarterly work plan based on the region's priorities.
- ✓ Identify key Codex technical committees of importance and priority for the Arab region.
- ✓ Supporting cooperation among Arab countries to exchange, collect, and provide necessary information, data, statistics, and studies for uploading onto official Codex platforms.
- ✓ Establish criteria for identifying sources of support and funding to enable countries to participate in technical committees and Codex annual meetings.
- ✓ Preparation and distribution of templates for responding to inquiries and comments from Codex member countries.
- ✓ Suggest organizing and conducting events like seminars, workshops, and training programs on food safety and quality.
- ✓ Presentation of an annual/periodic report, and providing updates.
- Define the scope of work for the group.

#### The proposal suggested to:

✓ Establish procedural guidelines to encourage Codex Contact Points to actively engage in Codex activities and exchange experiences.

- Establish criteria for accessing support and funding for participation, including expertise, dedication, continuity, knowledge transfer, neutrality and transparency.
- ✓ Develop effective and innovative proposals that will enhance the work of the initiative, its implementation and the achievement of its objectives.
- Collaborative coordination of various regional and sub-regional Codex activities (AIDSMO, GSO & CCNE).
  - Follow best practices in work and regional coordination:
    - ✓ Prioritize advanced preparation for coordination meetings, including agenda preparation, and enhance internal meetings within the region.
    - ✓ Enhancing cooperative coordination of various Codex activities, the activities of the Gulf Standardization Organization, and the activities of the Arab Industrial Development, Standardization and Mining Organization.
- 2. The second priority area relates to setting priorities to prepare for upcoming meetings and identifying items of importance / relevance.
  - Suggested items of interest and recommendations for the CCFL and CCNFSDU committees:
    - CCFL Priority Topics: This item related to the guideline on the use of preventive labeling for allergens, as well as the study of the provisions related to the necessity of labeling the country of harvest and adding the country of origin (production) in the Codex Standards for Spices and Culinary Herbs (CCSCH).
    - CCNFSDU Priority Topics: Item on adopting general principles for establishing Nutrition Reference Value Requirements (NRVs-R) for infants aged 6-36 months and item on reviewing the discussion paper on harmonized guidelines for probiotics for use in foods and dietary supplements.
    - Encourage and invite stakeholders to participate in discussions of agenda items (particularly the industry sector).

#### Proposed items of interest and committee recommendations for CCRVDF and CCFICS

- Extrapolation of the maximum residue limits of veterinary drugs in camel field: Data collection, studies and the use of scientific research institutions.
- Criteria and procedures for the establishment of action levels for unintended and unavoidable carryover of veterinary drugs from feed to food of animal origin.
- Coordination of work between CCPR and CCRVDF.
- Codex Standardized Guidelines on Equivalency.
- Guidelines on preventing and combating food fraud.

## Priority area three is stakeholder engagement - the importance of, and ways to, engage stakeholders in Codex work.

Prof. Samuel Godefroy (Université Laval-GFoRSS/IUFoST) delivered a <u>presentation on the best practices for engaging stakeholders in preparing national and regional Codex positions.</u> He also reviewed mechanisms that the Arab Codex Initiative can adopt to involve stakeholders from the Arab food industry and consumer organizations, including methods to support its sustainability and effectiveness.

The presentation included the following topics:

- Review of the Codex mission and objectives of ensuring consumer safety and promoting fair trade through the preparation of international standards and criteria based on scientific principles.
- Codex principles: inclusivity, collaboration, consensus building and transparency.
- The importance of stakeholder engagement in decision-making and preparation of national positions.
- The role of Codex Contact Points to communicate with stakeholders.
- The importance of joint work in developing standards, considering risk assessment in the specific context of the Arab region.

During this session, presentations were also delivered on the priorities of the Arab food industry sector in Codex procedures by representatives of leading food industry figures from the Arab region, including <u>Dr. Mustafa Pater, the Arab Beverage Association</u> and <u>Dr. Abdel Moneim Bakr, CropLife Africa Middle East.</u>

#### 4. Priority area four: Modernization of food regulatory practices in the Arab region.

Workshops were conducted to address priorities in modernizing the food regulatory framework in the Arab region, including agenda items proposed for discussion at the 12<sup>th</sup> meeting of CCNE.

#### After discussions, the following recommendations were developed:

#### 1. Address Key Priorities

- Modern food sources and how to assess their safety and quality.
- Use of recycled materials in food packaging.
- Genetically modified foods.
- Handling and displaying traditional foods.
- Water reuse.
- Review of the standards and technical regulations of pesticide residues and food additives and establishing a regional database.

### 2. Focus on Regional Standards of Interest

- Develop standards for the following regional commodities:
  - Standard of solid, liquid "jameed".
  - Standard of Tahini.
  - Standard of rose water/blossom water.
  - Standard of Black honey.
  - Standard of "Medjool" dates.
- Work on developing some regional standards to international standards:
  - Identify prioritized regional standards to be developed to international standards.
  - Support the provision of sufficient data to prepare the relevant document (discussion paper).
  - Support the fulfillment of the requirements to submit the proposal to the Executive Committee.

#### 3. Follow Guidelines for the Modernization of the Food System

- Increase the level of compliance with the Codex Alimentarius standards at the national level.
- Update and revise national legislation to align with international practices.

#### Session 5: Updates on Initiatives Underway – Arab Codex Program

The session was moderated by Eng. Nessma Shannak, Head of the Food Industries Department, JSMO and Jordanian Codex Contact Point. Presentations in this session covered updates on ongoing initiatives, including:

#### 1. Arab Initiative on Food Consumption Data.

Dr. Maha Hoteit, Lebanese National Research Council, introduced a detailed presentation on the Arab Initiative on Food Consumption Data. The presentation outlined the initiative's goals, which focus on gathering and analyzing food consumption data across Arab countries to identify dietary patterns and health disparities. It also discussed the stages of implementation, including data collection from participating countries, collaborative analysis with nutrition experts, and recommendations aimed at enhancing food policies.

The next steps include establishing a unified and comprehensive database of food consumption data across the Arab region, alongside implementing strategies aimed at enhancing the diet and health of the population.

#### 2. Initiative of development of Camel Milk International Standard.

Eng. Humaid Ali Al Shamsi, Abu Dhabi Agriculture and Food Safety Authority (ADAFSA) delivered a presentation on the level of progress of the initiative to develop the international standard for camel milk. He underscored the importance of camel milk at the regional and international levels, due to its unique nutritional properties and health benefits.

The initiative includes collecting and analyzing camel milk production data from producing countries, studying nutritional standards related to camel milk, in addition to, reviewing international legislation and standards.

The initiative aims to establish an international standard for camel milk, thereby enhancing export opportunities and increasing investment in camel milk production.

#### 3. Arab Initiative for Gluten-Free Foods.

Mrs. Abida Kaisi, President of the Jordan Celiac Association, representative of the Arab Consortium of Celiac Consumers, delivered a <u>presentation on the Arab Gluten-Free Food Initiative</u>. She highlighted the challenges that individuals with celiac disease face in identifying appropriate food options and emphasized the significance of establishing unified standards for gluten-free foods across the Arab region.

Prof. Samuel Godefroy (Laval University, IUFoST/GFoRSS), presented <u>The Arab Gluten Free Initiative</u>, which seeks to support the regulation of gluten-free foods in the Arab region, develop standardized and validated analytical methods to detect the presence of gluten in foods, and promote awareness and education about celiac disease and the importance of gluten-free foods in the Arab region.

#### 4. Arab Section of AOAC INTERNATIONAL.

Dr. Amine Kassouf, President of the Arab Section of AOAC INTERNATIONAL, delivered a presentation highlighting the achievements of the Arab Section of AOAC International, which aims to standardize food analysis methods used for regulatory purposes in Arab countries, enhance the technical capabilities of food and agricultural laboratories, establish a network of accredited Arab laboratories, promote knowledge and technical exchange between laboratories, and improve the quality of food analysis to ensure food safety and conformity with international standards.

Later, First Lieutenant Eng. Kholoud Abu Rumman, Representative of the Military Laboratories for Quality Control, Jordan Armed Forces — Arab Army, Jordan, presented the <u>proficiency testing program</u>, the level of progress achieved, and strategies for generalizing this program in the Arab region.

## Day 3: Thursday, June 13, 2024

Day 3 began with Session 6 at 9:00 a.m.

## Session 6: Mapping the Future of the Arab Codex Initiative

The session was moderated by Eng. Ali Al-Ghafri, Director of the Food Standards and Conformity Department at Oman's Food Safety and Quality Center and Omani Codex Contact Point. This session covered the development process of the Arab Codex initiative, future coordination mechanisms, and featured

presentations on key activities in the Arab region related to food safety and the enhancement of Arab capacities in Codex standards, including:

- Arab Capacity Development Resources in Codex presented by Eng. Mariam Eid, Ministry of Agriculture in Lebanon and former Codex Vice-Chair.
- Outcomes of the Arab Working Groups and the challenges faced:
  - Working Group on Moisture in Fresh Dates presented by: Dr. Sanae Ouazzani (ONSSA, Morocco).
  - Working Group on Aflatoxin in Peanuts presented by: Eng. Hanan Fouad (EOS, Egypt).

At the conclusion of this session, attendees mapped out the future direction of the Arab Codex Initiative, which was accomplished through facilitated group discussions. Additionally, a detailed presentation reviewed the colloquium's recommendations, followed by the reading of the draft report summarizing the initiative's achievements and future recommendations.

## **Closing Session**

The Colloquium concluded with closing remarks delivered by representatives from supporting and organizing organizations:

- Dr. Mary Frances Lowe, Director, United States Codex Program.
- Mr. Khalid Al-Zahrani, Chair of the FAO/WHO Codex Committee for the Near East (CCNE), Saudi Food and Drug Authority (SFDA), Kingdom of Saudi Arabia.
- Eng. Ahmed Eddouaicer, Coordinator Arab Codex Initiative, Arab Industrial Development, Standardization and Mining Organization (AIDSMO).
- H.E. Eng Abeer Barakat Al Zuhair, Director General of Jordanian Standards and Metrology Organization.

During the closing session, significant emphasis was placed on the imperative of maintaining regional cooperation and strengthening the capacities of member states to effectively implement the standards established by the Codex Alimentarius Commission. This concerted effort is aimed at ensuring robust food safety and quality standards across the Arab region.

#### **General Recommendations**

Recommendations were proposed during the Third Arab Codex Colloquium as follows:

1. Enhance the participation of Arab countries in Codex meetings by:

Encouraging Arab Member States to actively participate / contribute to regional and coordination meetings.

Supporting knowledge and expertise exchange among Arab Member States by creating a platform for exchanging information and best practices to improve food safety and quality.

- 2. Develop cooperative coordination mechanisms between the Arab Codex initiative, under the leadership of AIDSMO and the CCNE coordinator, to avoid duplication of meetings / activities and activate the joint framework of action between AIDSMO, as a standardization body in the Arab region and an observer member of Codex, with the Near East Regional Coordinator.
- 3. Support the region's products by developing regional and international Codex standards.
- 4. Establish an Arab committee to develop guidelines to manage the Arab Codex Initiative.
- 5. Continue the development of the Arab Food Consumption Initiative to create a unified and comprehensive database of food consumption data in the Arab region.
- 6. Support the UAE's efforts to develop an international standard for camel milk.
- 7. Continue the work on the development of the Arab Gluten-Free Food Initiative, including the development of standardized and validated methods for gluten detection in foods.
- 8. Implement training programs and workshops to increase awareness and promote education on food safety and quality issues.

## **Interested in Knowing More?**

Additional information on the Third Arab Codex Colloquium can be accessed online. Visit us!

- GFoRSS Website  $\rightarrow \frac{\text{https://gforss.org/2024/05/14/2024\_arabcodexcolloquium/}}{\text{modes}}$
- GFoRSS YouTube Channel Videos Playlists → Day 1 Day 2 Day 3

## **Annex: List of Participants**

ARAB C	OUNTRIES	
Affiliation	Name	Country
Jordan Standards and Metrology Organization (JSMO)	Abeer Barakat Al Zuhair	Jordan
	Nessma Shannak	
	Sharif Al Mhirat	
	Noor Aldeen Al Dubai	
	Najla Ahmad	
	Ahmad Shebli	
	<ul> <li>Mohammad Mayyas</li> </ul>	
Jordan Food & Drug Administration (JFDA)	Ruba Goussous	
	Tamador Maayah	
	Journana Abdaljabar	
	Fatima Alshuaibi	
	Shaker Khawaldeh	
Abu Dhabi Agriculture and Food Safety Authority	Humaid Ali Khalfan Al Shamsi	UAE
(ADAFSA)	Sonia Baldi	
Ministry of Industry and Commerce	Fatema Issa	Bahrain
Ministry of Heath	Faisal AlSari	
Agri-food Technical Center (CTAA)	Narjes Moslah	Tunisia
Ministry of Industry, Mines and Energy	Hamida Belgaied	
Algerian Embassy in Jordan	Rabeh Lomachi	Algeria
Saudi Food and Drug Authority (SFDA)- CCNE	Khalid Al-Zahrani	KSA
Sudanese Standards and Metrology Authority (SSMO)	Khaled Younis	Sudan
Ministry Of Agriculture	Abdiaziz Abdirahman	Somalia
Somali Bureau of Standards	Mohamed Hersi	
Central Organization for Standardization and Quality	Nagham Dhahir	Iraq
Control (COSQC)	Alaa Ahmed	
Food safety & quality Center	Afrah Said	Oman
	Ali Al-Ghafri	
Palestine Standards Institution (PSI)	Haneen Shawhneh	Palestine
	Adib Alqaimari	

ARAB COUNTRIES (CONT'D)			
Affiliation	Name	Country	
Public Authority for Food and Nutrition (PAFN)	Abdulrahman Aljameel	Kuwait	
The Lebanese Standards Institution (Libnor)	Sahar Sleiman	Lebanon	
National Council for Scientific Research	Maha Hoteit		
Ministry Of Agriculture	Mariem Eid		
Libyan National Centre for Standardization & Metrology	Hadi Elalem	Libya	
(LNCSM)			
Egyptian National Food Safety Authority (NFSA)	Tarek El Houby	Egypt	
Egyptian Organization for Standardization and Quality	Khaled Soufi		
(EOS)	Hanan Fouad		
National Food Safety Office (ONSSA)	Sanae Ouazzani	Morocco	
National Institute for Agricultural Research (INRA)	-   ● Hasnaa Harrak		
ARAB & INTERNATION	NAL ORGANIZATIONS		
Global Food Regulatory Science Society (GFoRSS)	Prof. Samuel Godefroy	Canada	
	Hajar Tiglifet	Morocco	
	Karima Zouine		
	Elie Bou Yazbeck	Lebanon	
	Amine Kassouf		
	Wiem Guissouma	Tunisia	
Arab Industrial Development, Standardization and Mining	Ahmed Eddouaicer	Morocco	
Organization (AIDSMO)			
GCC Standardization Organization (GSO)	Ahmed Al-Bashah	KSA	
US Codex Office	Kenneth Lowrey	USA	
	Mary Frances Lowe		
	Alexandra Ferraro		
The Military Laboratories for Quality Control, Jordan	Director, Colonel Khader Daoudia	Jordan	
Armed Forces — Arab Army, Jordan	Colonel Kafa Al-Saraira	,	
ŕ	Colonel SharoQ Abu Karaki		
	Captain Rima Al Khamaysa		
	First Lieutenant Kholoud Abu Rumman		
	Sei Seam Matasiii / ii Masareea		
	Sergeant Moaz Al-Rajabi		

ARAB & INTERNATIONAL ORGANIZATIONS (CONT'D)			
Affiliation	Name	Country	
Jordan Celiac Association, representative of the Arab	Abida Kaisi	Jordan	
Consortium of Celiac Consumers			
Royal Scientific Society	Manal Al-Khamaysa		
NESTLE	Firas Abulail		
National Association for Consumer Protection	Malak Abuzeineh		
	Ahlam Sharaiha		
	Ferial Heshma		
ARAB F	OOD INDUSTRY	•	
PEPSICO	Suzanne Baaghil	UAE	
	Haidy Mohy	Egypt	
COCA COLA	Ahmed Nashed	UAE	
	Mustafa Bater		
DSM-Firmenich	Yaser Alhamwieh	UAE	
Iffco	Randa Habib	UAE	
Aujan	Ali Alkhalaf	KSA	
CropLife	Abdelmoneim Bakr	Egypt	