食 品 法 典 委 员 会

联合国粮食及农业组织　　世界卫生组织

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议题 5　　**CX/CAC 25/48/10**

2025 年 10 月

粮农组织/世卫组织联合食品标准计划

食品法典委员会

第四十八届会议

意大利罗马，粮农组织总部

2025 年 11 月 10-14 日

新工作提案

A.　活动中附属机构提交供食典委第四十八届会议批准的新工作提案

1. 本文件汇总自食典委第四十七届会议后召开会议的附属机构提交供食典委第四十八届会议批准的新工作提案，以及自食典委第四十七届会议后食典委秘书处收到的非活动中法典委员会职权范围内的新工作提案。采用汇总形式集中展示工作提案，旨在系统梳理拟议新工作领域，为食典委审议新工作提案提供参考。

2. 执委会第八十八届会议已审议2025年1-5月召开会议的法典委员会提交的新工作提案（表1中提案1-7），执委会第八十九届会议将审议2025年6-10月召开会议的法典委员会提交的新工作提案（表1中提案8-12），同时还将审议一个成员提交的两项新工作提案（表2）。

3. 所有新工作提案提供英文、法文和西班牙文版本，在此获取。

4. 表1概述自食典委第四十七届会议后食典委各活动中附属机构提交的所有新工作提案，并附相关参考文献索引，包括项目文件获取途径。

5. 食典委各附属机构提交12项新工作提案供食典委第四十八届会议审议，内容涵盖：新增食品添加剂规定；三项区域标准；两项商品标准；修订两项操作规范；新制定一项操作规范；一项区域标准升格为全球标准；两份相关专家委员会优先评价清单。

B.　非活动中附属机构职权范围内新工作提案

6. 表2所列两项新工作提案不属于食典委活动中附属机构职责范围，因此直接提交食典委秘书处。

关于制定巴氏杀菌骆驼奶标准的提案

7. 食典委第四十七届会议（2024年）期间，阿拉伯联合酋长国（阿联酋）在议题“其他事项”下就制定骆驼奶商品标准提交新工作讨论文件及提案[1]。

8. 成员对阿联酋的提案表示欢迎，认为提案恰逢其时，客观反映骆驼奶及骆驼奶制品生产与贸易增长态势，并强调需要根据既定程序与惯例，及时启动该领域工作。

9. 食典委第四十七届会议注意到执委会第八十七届会议结论（“在食典委第四十七届会议决定考虑进一步开展骆驼奶相关工作的情况下，考虑发出一份通函，就骆驼奶相关新工作的必要性和可能范围征求成员和观察员的意见”[2]）、食典委秘书处的程序性指引、乳和乳制品法典委员会主持国秘书处提供的支持，就此商定工作方针，包括审查并修订项目文件，同时发布通函（CL 2025/50-CAC），征求成员和观察员评议意见[3]。

10. 食典委第四十七届会议指出，通函可就骆驼奶相关新工作的必要性和可能范围征求有关成员和观察员意见，以便骆驼奶提案接受执委会第八十九届会议严格审查，继而提交食典委第四十八届会议审议。

11. 2025年8月发布CL 2025/50-CAC号通函，就制定巴氏杀菌骆驼奶标准的提案向成员和观察员征求评议意见。通函附录I载有更新后的提案，旨在补充说明制定一项或多项骆驼奶商品食典标准的必要性及标准性质，并纳入需由执委会严格审查评估的信息。此外，通函附录I载有乳和乳制品法典委员会主持国新西兰与国际乳品联合会开展的差距分析，涉及：i）现行食典文本中与可能的掺假和错标问题有关的内容；ii）现行食典文本中与骆驼奶及骆驼奶制品有关的内容。

12. 答复CL 2025/50-CAC号通函的评议意见汇总见本文件附录I。这些意见反映各方对新工作提案的不同看法，涵盖新工作的必要性及其范围等方面。

13. 近东协调委第十二届会议指出，支持制定巴氏杀菌骆驼奶标准的新工作提案，并就其重要性及需要考量的因素发表意见[4]。

关于制定新食物来源和生产体系风险分析原则的提案

14. 欧洲联盟（欧盟）近期提交关于制定新食物来源和生产体系风险分析原则的新工作提案。

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[1] CAC47/CRD03

[2] REP24/EXEC2，第85i段

[3] REP24/CAC，第260段

[4] REP25/NE，第68-71段

15. 新食物来源和生产体系议题曾在执委会第八十二届会议（2021年）、食典委第四十四届会议（2021年）、执委会第八十三届会议（2022年）、食典委第四十五届会议（2022年）和食典委第四十六届会议（2023年）期间进行讨论。此前发布两封通函，就该议题向食典委成员征集信息，并发布征集到的信息供执委会第八十三届会议参考[5]。

16. 讨论文件及项目文件链接见本文件附录II。

C. 建议

17. 提请食典委第四十八届会议：

i. 根据《2020-2025年食典战略计划》以及《食典委程序手册》第2.3节“确定工作重点的标准”和第2.2节“设立食品法典委员会附属机构的标准”，审议新工作提案；

ii. 基于执委会第八十八届和第八十九届会议开展的严格审查相关结果，酌情决定是否开展各项新工作；如有需要，决定负责开展相关工作的附属机构或其他机构。

[5] CX/EXEC 22/83/4，附录2

表1：活动中附属机构就开展新工作或修订标准提交的提案

说明：各项提案提供英文、法文和西班牙文版本，在此获取。

编号	委员会/提案方	新工作提案	参考文献及项目文件
1.	非洲协调委	清炖或水煮咸淡鱼干区域标准（非洲）	REP25/AFRICA，第62(i)段，附录IV
2.	北美及西南太平洋协调委	加利普坚果区域标准（北美及西南太平洋）	REP25/NASWP，第83(i)段，附录IV
3.		面包果粉区域标准（北美及西南太平洋）	REP25/NASWP，第83(ii)段，附录V
4.	新鲜水果和蔬菜法典委员会	新鲜姜黄标准	REP25/FFV，第89(i)段，附录VI
5.		新鲜西兰花标准	REP25/FFV，第92(ii)段
6.	食品添加剂法典委员会	食品添加剂联合专家委员会拟议优先评价物质清单	REP25/FA，第133(i)段，附录XI
7.		关于《食品添加剂通用标准》中食品添加剂规定拟议草案的新工作	REP25/FA，第109(iv)段，附录IX
8.	食品污染物法典委员会	修订《通过杂草控制预防和减少食品和饲料中的吡咯里西啶生物碱污染的操作规范》（CXC 74-2014）	REP25/CF18，第90(ii)段，附录VI第I部分
9.		修订《降低产奶牲畜饲用原料和辅料中黄曲霉毒素B1的操作规范》（CXC 45-1997）	REP25/CF18，第102(ii)段，附录VII
10.		预防和减少食品和饲料中托品烷生物碱操作规范	REP25/CF，第106(ii)段，附录VIII
11.	农药残留法典委员会	农药残留联席会议优先评价农药清单	REP25/PR，第279(i)段，附录VIII
12.	亚洲协调委	《紫菜制品区域标准》（亚洲）（CXS 323R-2017）升格为国际标准	REP25/ASIA，第141段，附录VIII

表2：一个成员就开展新工作或修订标准提交的提案

编号	委员会/提案方	新工作提案	参考文献及项目文件
1.	阿联酋	巴氏杀菌骆驼奶标准	CL 2025/50-CAC，附录I（第2部分）
2.	欧盟	关于制定新食物来源和生产体系风险分析原则的新工作	本文件附录II

附录I

附录不译，原文照发

COMMENTS ON THE PROPOSAL FOR DEVELOPMENT OF A STANDARD FOR PASTUERIZED CAMEL MILK

BACKGROUND

1. This appendix compiles the comments on the proposal for development of a standard for pastuerised camel milk, as indicated in the relevant circular letter (CL 2025/50-CAC). The comments include those received through the Codex Online Commenting System (OCS)[6], or via email by the time this document was issued. The comments are as shown in the Annex to this Appendix.

EXPLANATORY NOTES ON THE ANNEX

2. The comments received are presented in a table format, with two columns as follows:

- **First column** – Presents the comments with the rationale.
- **Second column** – Presents the provider of the comments (name of Member or Observer).

[6] OCS is an online tool that enables Codex Contact Points to submit comments on draft texts in a standardised way, thus providing more transparency and better management of comments on different Codex texts as requested through Circular Letters. Since its launching at CAC39 (2016), the OCS has been used for different Codex Committees.

ANNEX

COMMENTS IN REPLY TO CL 2025/50-CAC

Submitted by

Australia, Costa Rica, Egypt, Indonesia, Iraq, Kazakhstan, Kenya, Mongolia, New Zealand, the United States of America (USA) and Food Industry Asia (FIA), International Dairy Federation (IDF/FIL)

GENERAL COMMENTS

COMMENT	MEMBER / OBSERVER
Indonesia wishes to express its appreciation to the United Arab Emirates and the other co-author member countries for preparing the discussion paper and project document on the development of a Commodity Standard for Camel Milk. Indonesia is of the view that the documents provided are comprehensive and in accordance with the criteria set out in the Procedures for the Elaboration of Codex Standards and Related Texts. Considering the many beneficial properties and unique characteristics of camel milk, which distinguish it from other types of milk, it would be highly advantageous for Codex to proceed with the elaboration of a commodity standard for this product. However, Indonesia suggests that the scope of the standard to be developed should be broadened to include not only pasteurized camel milk, but also other widely traded camel milk products, such as camel milk powder. This would ensure the standard remains relevant to global trade dynamics.	**Indonesia**
Mongolia, as a Member of the Codex Alimentarius Commission, strongly supports the development of a Codex international standard for pasteurized camel milk. Mongolia recognizes the importance of protecting consumer health, ensuring fair trade, and promoting authenticity in camel milk products, and therefore welcomes this new work. National data from Mongolia on camel population, production volumes, and fermented camel milk products is attached for reference. (see response to the question "**If affirmative to any of the above questions, please share relevant additional data/information, including any data on the production of pasteurized camel milk and/or related camel milk products and/or export/import data on these products.**")	**Mongolia**
The United States appreciates the opportunity to review Appendix I containing the proposal for the development of a standard for pasteurized camel milk from the United Arab Emirates (UAE) and Appendix II containing the gap analysis as recommended by the 47th session of the Codex Alimentarius Commission (CAC). The United States respects the proposal's rationale and intention to develop a Codex standard to facilitate the safe international trade of camel milk. In assessing the feasibility of this effort, the United States sees three areas of hesitation with regard to the clarity of the proposal and the relative importance of new work in this area: 1. Existing Codex documents address the food safety and trade needs raised in the proposal 2. Insufficient scientific evidence to develop a standard and any associated compliance requirements 3. Insufficient justification for Codex resource allocation based on the volume and pattern of pasteurized camel milk trade between countries With these three overarching concerns in view, the United States questions whether the proposed new work is warranted. Existing Codex documents The United States has reviewed the proposal and Appendices I and II and our analysis indicates that existing Codex documents could be used to support trade of	**USA**

COMMENT	MEMBER / OBSERVER
pasteurized camel milk, making the development of a new standard unnecessary. Specifically, the Codex General standard for the labelling of prepackaged foods (CXS 1-1985) already addresses fraudulent labelling concerns, and the Codex General standard for the use of dairy terms (CXS 206-1999) prohibits mixing of milks from different species without declaration. Further, the Code of hygienic practice for milk and milk products (CXC 57-2004) details validated food safety control measures that are applicable to different milk types, including camel milk. Insufficient scientific evidence In its review, the United States identified several areas where additional scientific evidence is needed to enable development of a standard and any associated compliance requirements. These areas include: the validation of camel milk pasteurization conditions, the implications of pasteurization on food safety in conjunction with component functionality, and the detection methods for key markers of processing and authenticity of camel milk. The lack of conclusive data in these areas suggests that it is scientifically premature to support the development of a Codex standard. Below are the areas identified for further study: • Concerns with the efficacy of the camel milk authenticity test method. Currently, the absence of beta-lactoglobulin (LG) is considered an identification marker for camel milk. Existing laboratory methods would be impractical or ineffective for use in verifying the absence of LG in camel milk. First, the only available international method, ISO 13875 | IDF-178, "Liquid milk – Determination of acid soluble Beta-lactoglobulin content – Reverse-phase HPLC method," would not be practical for routine use based on the dependency for highly specialized equipment and technical expertise. Most importantly, due to the heat related denaturation of LG and associated acid insolubility, this method will not detect the presence of denatured LG, hence, adulteration with heat treated bovine milk or other species' milk. Secondly, several proprietary Enzyme-Linked Immunosorbent Assay (ELISA) methods are available for LG detection and while they are more amenable to routine use, they are not able to detect LG once LG is treated at temperatures high enough to destroy its antigenicity. Thus, a negative result could not reliably prove the authenticity of camel milk as it could not rule out the existence of LG when it's denatured. • Lack of studies on camel milk pasteurization. The thermal treatment conditions for batch (Vat) and continuous flow (HTST) pasteurization have not been thoroughly validated with heat-resistant organisms, such as Coxiella burnetii to ensure food safety. Meanwhile, it remains unclear how the rheology, microbiology, and composition characterization of camel milk affect its pasteurization; similarly, there is a lack of data on how pasteurization affects the functionality of camel milk as an ingredient in downstream processing for other products. For example, per Appendix I, pasteurization at 80° C causes separation in milk; other potential effects of pasteurization remain to be studied. Further studies are critical for determining pasteurization parameters for camel milk to improve product safety and quality. • Selection of pasteurization processing indicator. Studies have demonstrated that Alkaline Phosphatase (ALP) activity in raw camel milk was measured at a similar level in raw bovine milk. In contrast to bovine milk, the ALP enzyme in camel milk was not inactivated by pasteurization at 72 ° C, and only minimal reduction in activity was observed even after prolonged heating. Therefore, ALP is not a good indicator for the pasteurization of camel milk. Alternative pasteurization markers would be needed and remain for further study and characterization.	

COMMENT	MEMBER / OBSERVER
Need for trade data The United States is of the view that the reported trade volume of camel milk does not warrant allocation of Codex resources to develop a standard when that trade is already supported by existing Codex standards. Pasteurized camel milk trade data indicate a trading volume of <1,000 tons annually for most exporting countries with only two countries trading more than that level at 1800 and 2367 tons. Challenges and costs associated with trading a liquid product requiring cold chain management are also limiting factors for international trade of pasteurized camel milk.	
FIA views that the main concerns in the project document have already been addressed in the gap analysis outlined in Appendix II. Existing Codex standards applicable to milk and milk products appear to sufficiently cover camel milk and its derivatives. As such, it is unclear what additional benefit would be gained from initiating further Codex work in this area. We suggest that new work may not be necessary at this time.	**FIA**
IDF recognizes the importance of camel milk for consumers and livelihoods, particularly in countries in Africa and the Near East regions. While we appreciate the increased production of camel milk, which highlights its relevance and commercial potential, we believe there is still a dearth of data on the volume and patterns of international trade for pasteurized camel milk, which is a critical criterion for Codex to initiate new work. The volumes of international trade that have been provided show insignificant volumes of trade (e.g., most exporting countries trade less than 1000 tonnes annually with only two countries internationally trading 1800 and 2367 tonnes each). Pasteurized camel milk is a liquid product, which naturally limits the volumes traded internationally due to the cost of transport while keeping the cooling chain. Codex standards are to facilitate international trade, and if there are insignificant volumes of international trade, the work should not be prioritized. We note that pasteurized milk from any species has not required a Codex standard with compositional criteria to continue being successfully traded internationally. • In addition, the other concerns raised in the proposal are already addressed as per the conclusions of the gap analysis in Appendix II and therefore the work should not progress. The proposal aims to develop a standard for pasteurized camel milk to outline its compositional specificities, to provide authenticity criteria and include a compilation of existing standards relevant to safety, quality, testing methods and labelling requirements. However, as discussed below, these concerns would be fully addressed through the adoption of existing Codex texts with implementation supported by the food fraud work underway within CCFICS. • Determination of authenticity of camel milk products ○ The current proposal emphasizes the challenge of guaranteeing the authenticity of camel milk products. However, Codex already prohibits undeclared mixing of different species' milks through the provisions of the Codex General Standard for Use of Dairy Terms (CXS 206-1999) and Codex General Standard on the Labelling of Prepackaged Food (CXS 1-1985). Such provisions can already be adopted by national authorities as a first step to provide a legislative basis to prevent adulteration. If such adoption of these existing provisions does not address the issue of adulteration, this would indicate that the issue cannot be resolved by the development and adoption of a new Codex standard and that there is a gap in monitoring and enforcement of the regulations. In this case, national authorities are responsible for monitoring adulteration and enforcing the provisions that make adulteration illegal. The ongoing work on developing Guidelines on the Prevention and Control of Food Fraud at CCFICS to develop guidance for national authorities in establishing national food fraud control programs will be a useful resource.	**IDF/FIL**

COMMENT	MEMBER / OBSERVER

• Existing Codex guidance of production and characterization
  o As concluded in Appendix II, IDF has not identified any gaps in the current Codex texts under CCMMP or other horizontal standards that would prevent compliance of internationally traded camel milk products. For instance, the Code of Hygienic Practice for Milk and Milk Products (CXC 57-2004) outlines validated food safety control measures, rather than mandating specific processes for different types of milk. This approach ensures sufficient flexibility to accommodate the unique characteristics of camel milk.
  o The proposal in the project document suggests compiling material from the existing standards into a new standard. We question the value of Codex resources being used on consolidating existing Codex texts. We note that countries who adopt Codex standards and guidelines can choose to consolidate elements from multiple Codex texts into a national standard or guideline as appropriate.	

SPECIFIC COMMENTS

COMMENT	MEMBER / OBSERVER
Area 1: Need for the work - Consumer health protection and fair-trade practices	
With regards to the questions in area 1 - Australia is not aware of any issues outside of those that have been presented in the new work proposal, and we have not encountered challenges with trade, safety or quality issues.	**Australia**
نعم	**Iraq**
Are you, as a producing and/or consuming Member or as an Observer, aware of any additional food safety and/or quality concerns regarding camel milk apart from those addressed in the discussion paper?	
Costa Rica is not aware of any reported cases of additional safety or quality issues related to camel milk. However, it considers it essential that the standard address, in a preventive manner, mechanisms to guarantee the authenticity of the product. In this regard, we propose that a parameter for β-lactoglobulin be incorporated as a reliable indicator of authenticity, using validated analytical methods to ensure its uniform application. We recognize that this issue requires a specific technical approach, and therefore suggest consulting with CCMAS to determine the relevance of establishing quantitative parameters or, failing that, to assess its inclusion as a reference in the methods of analysis section of the standard.	**Costa Rica**
No	**Egypt**
At this time, Indonesia does not have data or experience with the food safety aspects of camel milk products other than what has been outlined in the project document.	**Indonesia**
Yes, Kazakhstan as a producing member is aware of any additional food safety and/or quality concerns regarding camel milk	**Kazakhstan**
No	**Kenya**
No, the United States is not aware of any food safety and/or quality concerns regarding camel milk.	**USA**
No.	**FIA**

COMMENT	MEMBER / OBSERVER
IDF is not aware of any food safety and/or quality concerns regarding camel milk that impair international trade.	**IDF/FIL**
Have you experienced challenges / problems with some of the quality issues identified such as those related to fraud or authenticity and if so can you provide specific information with regard to these issues?	
Costa Rica has no comments.	**Costa Rica**
No	**Egypt**
No, official authorities responsible for safety of camel milk and products made of it have no any information related to food fraud.	**Kazakhstan**
Yes, that is: • Adulteration of camel milk with that of other species for example cattle milk constituting a form of fraud and exposing consumers to potential health risks from cows milk lactose (Note: Camel milk has low lactose content). • Adulteration with water particularly in the informal markets. • Veterinary drug residues in some cases resulting from misuse by some herders • Use of traditional preservation methods which impart off-flavours and odors to the milk and products processed from the milk • High bacterial load contamination due to poor hygiene, harsh environmental conditions (high temperatures) and limited infrastructure (lack of sufficient cold chain).	**Kenya**
Mongolia highlights the risk of adulteration (e.g., dilution with bovine milk) and the absence of international authenticity criteria as critical challenges. A Codex standard will address these risks, protect consumers, and ensure fair practices in trade.	**Mongolia**
The United States does not have experience with any challenges / problems with the quality issues identified.	**USA**
No.	**FIA**
IDF is not aware of any challenges / problems with the quality issues identified, such as those related to fraud or authenticity.	**IDF/FIL**
Have you encountered any trade issues regarding pasteurized camel milk or camel milk products?	
Costa Rica has no comments.	**Costa Rica**
No	**Egypt**
Furthermore, as camel milk products are not widely traded in Indonesia at present, we do not have specific information regarding any trade issues associated with this product.	**Indonesia**
لا	**Iraq**
One issue was related to the level of phthalates in raw and processed camel milk. According to normative documentation, the permissible limit is 0.6 mg/kg, while detected concentrations could be more. The compounds identified included trace amounts of dibutyl phthalate (DBP) and di (2-ethylhexyl) phthalate (DEHP). These findings necessitated the implementation of additional monitoring measures.	**Kazakhstan**
Yes, some export consignments have been reported as adulterated with cow milk	**Kenya**

COMMENT	MEMBER / OBSERVER
Unregulated Informal trade of raw camel milk within the country and other neighboring countries, hence lack of traceability.	
No, the United States has not encountered trade issues regarding pasteurized camel milk nor camel milk products.	**USA**
No.	**FIA**
IDF is not aware of any trade issues regarding pasteurized camel milk nor camel milk products.	**IDF/FIL**
Taking into account the gap analysis in Appendix II, what do you consider to be the gaps, if any, that would support the need for new work on camel milk?	
It would appear from the gap analysis undertaken and presented at Appendix II that the existing food safety and quality provisions in Codex texts would be inclusive of camel milk.	**Australia**
Costa Rica considers that the analysis presented in Appendix II clearly demonstrates the existence of regulatory gaps that justify the initiation of new work in the field of camel milk. In particular, the absence of authenticity criteria that would allow this product to be differentiated from other types of milk, which is essential to prevent adulteration and fraud that could mislead consumers in their purchasing decisions or deceive them. Furthermore, it is noted that the current Codex standards for milk and milk products do not take into account the technological and compositional characteristics of camel milk, such as its protein percentage, fat content, and total milk solids, among others, in order to guarantee the authenticity and quality of the product. Having a specific standard, such as the one proposed, would reduce inconsistencies between national and regional standards on key aspects such as minimum fat and non-fat solids content, which would help to avoid possible technical barriers to international trade and facilitate regulatory harmonization processes.	**Costa Rica**
N/A	**Egypt**
-دولية ومعايير مواصفات غياب (Codex) -المايكروبيولوجية السلامة عن المعلمية البيانات نقص -الملائم الصناعية والمعالجة التكنولوجيا محدودية -والوظيفي الغذائية القيمة حول الموثقة الأدلة قلة -الدول والتسويق التجارة أنظمة في ثغرات	**Iraq**
In many camel milks produced countries there is no statistical data collection on camel milk production/consumption/sales.	**Kazakhstan**
The analysis has not established any gaps within the existing codex standards. While the codex standards are not specific to pasteurized milk, the development of an international standard for pasteurized camel milk may not have much significance on international trade given the short lifespan of pasteurized milk products. However, such a standard would contribute to consumer protection at country level and less on international trade given the shelf life of the product.	**Kenya**
As New Zealand is not a producer or trader in camel milk and camel milk products we do not have any specific comments on the questions listed under Area 1 other than on the gap analysis. From New Zealand’s perspective the gap analysis presented in Appendix II confirms the general conclusion that existing Codex texts are adequate to cover the issues of labelling and product authentication raised by camel milk producing countries. These existing Codex texts that apply to all milk products are equally	**New Zealand**

COMMENT	MEMBER / OBSERVER
applicable to camel milk products. This confirms that no adjustments to existing Codex texts are required. In support of the gap analysis on protection against adulteration we note milk from all species is susceptible to fraud and adulteration. It would be more effective and efficient to apply the same tools to manage adulteration concerns for camel milk products as those used for other species' milks. The gap analysis shows there are provisions in the General Standard for Use of Dairy Terms (GSUDT), and the General Standard for Labelling of Prepackaged Foods (GSLPF) that make undeclared mixing of different species' milks illegal and these can be adopted by national authorities. Consideration of any gaps requiring future work should consider if there is a gap in the existing standard or if it is rather with implementation and enforcement of the standard. If it is the latter, consideration should be given to the guidance developed through the ongoing work at Codex Committee on Food Import and Export Inspection and Certification Systems (CCFICS) when establishing national food fraud control programs. This guidance will cover practical elements to support implementation and enforcement of the regulations including the prevention, detection, mitigation, and control of food fraud. Across all camel milk commodities (i.e. not only pasteurised camel milk) the only potential gap identified was in relation to the classification of milk powders based on the fat content. However, as noted in Appendix II, standardisation can be undertaken to mitigate variations in fat content, resulting in a "whole milk powder" classification if desired. We acknowledge that the responses to the questions listed will be important to guide the Codex Alimentarius Commission (CAC) assessment and determination about the need for a Codex standard for pasteurised camel milk.	
The United States considers that the gap analysis demonstrates that existing Codex horizontal texts and texts related to milk apply to camel milk and, in light of the robust trade in milk of other species, that there is therefore no need for new work in Codex on camel milk. Although camel milk may have unique characteristics when considering the development of a Codex standard, the United States has identified several areas stated above that require further research, indicating that establishing a Codex standard for camel milk is premature at this time.	**USA**
We do not consider there to be any gaps that would support the need for new work on camel milk. As highlighted in the gap analysis provided in Appendix II, existing Codex standards for milk and milk products are applicable to camel milk and its derivatives. We note that the proposal in the project document suggests compiling the existing standards into a new standard. We question the value of Codex resources being used on consolidating existing Codex texts. Countries who adopt Codex standards and guidelines can choose to consolidate elements from multiple Codex texts into a national standard or guideline as appropriate. The development of a separate Codex standard solely for camel milk may not add substantive value. In addition, the concerns around adulteration of camel milk have also been addressed in the gap analysis. The General Standard for Use of Dairy Terms (GSUDT) and the General Standard for the Labelling of Prepackaged Foods (GSLPF) already exist and state that camel milk cannot be mixed with other species' milks without declaration. This appears to already regulate against adulterating camel milk with other species' milks. Regulating this further with more detailed prescriptive requirements such as around specific compositional markers that indicate undeclared mixing would not, in our view, lead to improved compliance.	**FIA**

COMMENT	MEMBER / OBSERVER
Instead, we note that there is work being done at Codex Committee on Food Import and Export Inspection and Certification Systems (CCFICS) on developing Guidelines on the Prevention and Control of Food Fraud. We believe this workstream is a more suitable avenue for addressing enforcement and compliance issues, including those related to camel milk adulteration.	
IDF does not consider there are any gaps that would support the need for new work on camel milk. The existing Codex standards that apply to all milk and milk products have been shown to also apply to camel milk and camel milk products as per the gap analysis in Appendix II. There are therefore already applicable regulations that apply. We would like to emphasize that the concerns around adulteration of camel milk have also been addressed in the gap analysis. The Codex General Standard for Use of Dairy Terms and the Codex General Standard for the Labelling of Prepackaged Foods already exist and require that camel milk cannot be mixed with other species' milks without declaration. This already includes provisions to guard against adulterating camel milk with other species' milks. Regulating this further with more detailed prescriptive requirements such as around specific compositional markers that indicate undeclared mixing would not, in our view, lead to improved compliance. We note that there is work being done at CCFICS on developing Guidelines on the Prevention and Control of Food Fraud. This could provide guidance on how to effectively enforce the existing regulations to prevent food fraud.	**IDF/FIL**
If affirmative to any of the above questions, please share relevant additional data/information, including any data on the production of pasteurized camel milk and/or related camel milk products and/or export/import data on these products	
Costa Rica supports the proposed scope.	**Costa Rica**
N/A	**Egypt**
داخ لي ن ظاق ع لى ف هو وجد وان الاذ تاج ل ق لة ال عراق ف ي ال نوق ح ل يب عن ب ياذ ات لاذ وجد ف قط	**Iraq**
Mongolia supports the development of an international Codex standard for pasteurized camel milk. National data from Mongolia on camel population, production volumes, and fermented camel milk products is attached for reference. Mongolia currently maintains a camel herd of ~0.48 million head (2024), with 186,000 milking camels, predominantly Camelus bactrianus. Production of raw camel milk reached 19,500 tonnes in 2024, demonstrating consistent growth compared with 2019 (11,400 tonnes). Pasteurized camel milk production increased from 3.5 tonnes (2021) to 7.2 tonnes (2024), and powdered camel milk reached 8.5 tonnes (2024). Fermented camel milk production rose dramatically, from 9.1 tonnes (2019) to 125 tonnes (2024), reflecting strong consumer demand and cultural importance.	**Mongolia**
N/A	**USA**
We have no additional data. However, we would like to note that given the purpose of Codex is to support international trade, it is important to consider the level of international trade of pasteurised camel milk as part of determining whether work should proceed on a new standard for pasteurised camel milk. The project document has very limited international trade data to support the work progressing.	**FIA**

COMMENT	MEMBER / OBSERVER
We have no additional data. However, we would like to note that given the purpose of Codex is to facilitate international trade, it is important to consider the level of international trade of pasteurized camel milk as part of determining whether work should proceed on a new standard for pasteurized camel milk. The project document has very limited international trade data to support the work progressing. As per our general comments, the international trade data that has been provided indicate insignificant levels of trade e.g. most exporting countries trade less than 1000 tonnes annually with only two countries internationally trading 1800 and 2367 tonnes each.	**IDF/FIL**
Area 2: Possible extent and nature of work to be undertaken	
If new work is to be undertaken, is the proposed scope of that work to focus on pasteurized camel milk appropriate, taking into consideration existing Codex texts on milk and milk products or do you have any suggestions for the scope?	
Australia notes a key concern is about authenticity. This issue of food fraud could be considered more broadly regarding how it may be effectively managed through traceability systems, food fraud prevention strategies, and by oversight and enforcement by competent authorities. The Codex Committee on Food Import and Export Inspection and Certification Systems is an ideal forum to consider this issue, and Australia draws the attention of the committee to two guidelines under development that would provide tools to help countries prevent and address food fraud: • Draft guidelines on the prevention and control of food fraud. • Draft principles and guidelines on traceability/product tracing within a national food control system (updating CXG 60-2006).	**Australia**
Costa Rica has no comments.	**Costa Rica**
Yes, the proposed scope of that work is appropriate.	**Egypt**
The scope of this standard must be broad, covering not only pasteurized milk but also other widely traded products like camel milk powder, etc.	**Indonesia**
مناسب المجال	**Iraq**
Experiments are currently underway in Kazakhstan to determine the conditions for pasteurizing camel milk, funded by the Ministry of Agriculture. The results will be available next year.	**Kazakhstan**
The scope would be appropriate as the other codex standards do not cover pasteurized milk products. The scope seeks to address the unique compositional characteristics and potential for adulteration of camel milk.	**Kenya**
The standard should explicitly cover both dromedary and Bactrian camel milk, ensuring inclusivity of different production systems.	**Mongolia**
The proposal to develop a Codex standard for pasteurised camel milk will need careful assessment taking into account the statutory purpose of Codex and the criteria for new work. As noted in our general comments, there are, currently, no liquid milk standards for any species. This may be a reflection of the nature of these products and absence of any significant issues from trade or food safety perspectives. The Discussion Paper and Project Document in Appendix I indicates that there is no significant international trade in liquid camel milk with the bulk of the production consumed in its raw form within the producing countries. The analysis presented in Appendix I raises concerns about fraud and deceptive practices with regard to labelling of camel milk. While this is a legitimate concern it	**New Zealand**

COMMENT	MEMBER / OBSERVER
is not unique to camel milk and as per the conclusions in Appendix II, the existing Codex standards can support addressing these concerns. Prevention of fraud and deceptive practices is of broad interest across many food products. As noted in the gap analysis the GSUDT and the GSLPF are relevant to address concerns around fraud and deceptive labelling. In addition, CCFICS is currently working on draft guidelines for prevention and control of food fraud. We do not consider the scope of the work for a new standard should be to consolidate the relevant existing Codex texts developed by CCMMP and horizontal committees. This is not relevant and has no relationship to the proposal to develop a camel milk standard. If guidance is required on which Codex texts and specifically which provisions are relevant, consideration should be given if this can be developed outside of a Codex standard or outside of Codex entirely. If some national authorities have less experience or engagement with Codex, then there is opportunity for sharing knowledge of how to navigate Codex. There is deep Codex expertise across Codex staff, member countries, and observer organisations such as IDF and we propose that the sharing of this knowledge and expertise is more valuable in the longer term, rather than developing individual or consolidation standards.	
It is important to emphasize there are many areas that need further evaluation for camel milk before enough of a scientific basis has been established to develop a standard unique to this commodity. The United States does not have suggestions at this time as it would be premature for Codex to initiate new work in developing a standard for camel milk.	**USA**
We do not believe work should be undertaken if existing Codex texts are taken into consideration. This is because the gap analysis in Appendix II shows that there are no gaps to fill in the existing Codex texts.	**FIA**
IDF does not believe work should be undertaken due to existing Codex texts already containing the necessary provisions to enable international trade as concluded by the gap analysis in Appendix II.	**IDF/FIL**
Please indicate the specific products, if any, you think any work should focus on	
Costa Rica believes that, if this new work is to be undertaken, it should focus for now on drafting the standard for pasteurized camel milk intended for direct consumption. Other camel milk products could be evaluated at a later stage, once clear guidelines for the base product are in place.	**Costa Rica**
We recommend starting with raw and pasteurized camel milk.	**Egypt**
Kazakhstan won gold at the 2025 Le Mondial du Fromage Cheese Championship (Tours, France) for its camel milk cheese, "Kymyzkhan." It also won silver for its traditional "Camel Balkaymak". https://kz.kursiv.media/2025-09-16/zhki-kazahstanskie-syry-vyigrali-zolotye-medali-vo-francii/	**Kazakhstan**
• Pasteurized camel milk standard (for consumer protection at country level and for trade). • UHT camel milk standard (However there is evident separation after two weeks of processing (based on the done trials in Kenya), but this does not make the product unsafe) • Fermented milk for camel milk, particularly the yoghurt might not meet set requirements in the CXS 243-2003 Standard for Fermented Milks, because of the technological challenges resulting in undesired sensory outcomes e.g. ropiness/sliminess and saltiness	**Kenya**

COMMENT	MEMBER / OBSERVER
• Camel milk powder (Needs to be considered because of the wide variation in fat content within the species and in comparison, with milk from other species)	
N/A	**USA**
N/A	**FIA**
N/A	**IDF/FIL**
What kind of Codex text (standard, guideline, code of practice) do you think might best address the issues identified in the discussion paper or other issues related to this commodity group that are relevant to protecting consumers' health and ensuring fair practices in the food trade	
Costa Rica considers that the most appropriate instrument would be a regulation, in order to clearly establish the criteria for composition and labeling, in accordance with existing horizontal texts.	**Costa Rica**
The standards will protect the health of consumers' health and ensuring fair practices in the food trade.	**Egypt**
Indonesia is of the view that if this proposal advances as new work, it should be to develop a commodity standard for camel milk.	**Indonesia**
مواصدفة	**Iraq**
All kind of Codex text (standard, guideline, code of practice)	**Kazakhstan**
The following codex texts are recommended. 1. CXS 207-1999, Standard for Milk Powders and Cream Powder (partially addresses) 2. CXS 243-2003 Standard for Fermented Milks (Partially addresses) 3. CXC 57-2004, Code of hygienic practices for milk and milk products. 4. CXS 1-1985, General standard for the labelling of Pre- packaged foods 5. CXC 1-1969, General principles of food hygiene Principles	**Kenya**
The United States does not believe new Codex texts are needed to address issues related to camel milk as existing Codex documents address concerns noted in the proposal. Specifically, the Codex General standard for the labeling of prepackaged foods (CXS 1-1985) addresses fraudulent labelling concerns, and the Codex General standard for the use of dairy terms (CSX 206-1999) prohibits mixing of milks from different species without declaration. These existing Codex documents are available to national regulatory authorities to assist with trade or to develop their own national regulations for pasteurized camel milk, especially relating to the issues of authenticity and fraud highlighted in the discussion paper. Given the existence of relevant Codex texts, the United States considers that development of a new Codex text would not be an efficient use of limited Codex resources and could introduce the risk of confusion, duplication, and/or contradiction with the existing body of Codex guidance.	**USA**
We do not believe that a new Codex text is needed. We disagree with the suggestion in the project document that a consolidated standard that compiles existing Codex texts is appropriate.	**FIA**
We do not believe that a new Codex text is justified. We disagree with the suggestion in the project document that a consolidated standard that compiles existing Codex texts is needed.	**IDF/FIL**

COMMENT	MEMBER / OBSERVER
Area 3: Importance of work for Members	
Is developing an international standard for pasteurized camel milk or camel milk products a priority for you or for Codex taking into account the criteria for prioritization in the Codex Procedural Manual?	
Noting the outcomes of the gap analysis, it appears that consumer health protection and fair practices in the food trade could be managed using existing texts and some under development currently.	**Australia**
For Costa Rica, developing a standard for camel milk is not a national priority, given that there is no domestic production or consumption of this product. However, we recognize that establishing an international standard would contribute to harmonization and consumer protection in countries where this product is commonly consumed and would strengthen conditions for fair trade, especially in light of the risks of adulteration and fraud.	**Costa Rica**
Yes, the priority is to prevent fraud and maintain the quality and health value of these products.	**Egypt**
According to the Criteria for the establishment of work priorities, prioritizing new work requires not only production data but also data on consumption and international trade. Since the project document does not sufficiently illustrate the consumption data for this product, it is difficult for Indonesia to ascertain the urgency or high priority of developing this international standard at this time.	**Indonesia**
نعم	**Iraq**
Developing an international standard for pasteurized camel milk or camel milk products is a priority for Kazakhstan	**Kazakhstan**
Yes, this is a priority as camel milk is an important food commodity in ASAL countries/regions and therefore the need for consumer protection and trade facilitation.	**Kenya**
Camel milk is of strategic importance for rural livelihoods in Mongolia, particularly in desert and steppe regions. National data shows a clear upward trend in production, including small-scale industrialization (pasteurized, powdered, and fermented products). In 2024, Mongolia exported 61.9 kg of camel milk products to China, marking the start of formal trade. This underlines the importance of harmonized Codex standards to expand market opportunities.	**Mongolia**
New Zealand is not a producer or trader of camel milk or camel milk products. The project document and discussion paper have not demonstrated a compelling need to initiate work on developing a standard for pasteurised camel milk, or a standard for other camel milk products. The criteria for prioritisation in the Codex Procedural Manual, considering the gap analysis in Appendix II, alongside other information provided in the CL does not support that this work should be a priority for Codex. We do, however, have an interest in the issue as the host government of CCMMP.	**New Zealand**
From the U.S. perspective, development of an international standard for pasteurized camel milk is not a priority. A new standard is not necessary for consumer protection or fair practices in food trade because existing Codex texts apply and address potential concerns identified by the proponents of the new work.	**USA**
No, it is not a priority to FIA for Codex to develop an international standard for pasteurised camel milk or camel milk products. The prioritisation criteria in the Codex Procedural Manual has a general criterion relating to consumer protection,	**FIA**

COMMENT	MEMBER / OBSERVER
and we do not believe that a new standard is necessary for consumer protection as there are sufficient existing provisions in existing Codex texts.	
It is not a priority for us that Codex develops an international standard for pasteurized camel milk nor camel milk products. The prioritization criteria in the Codex Procedural Manual has a general criterion relating to consumer protection. We do not believe that a new standard is necessary for consumer protection as, in this case, there are sufficient existing provisions in existing Codex texts.	**IDF/FIL**
Would you be interested in and willing to participate in this work if Codex initiates the process to undertake new work based on the attached proposal?	
Costa Rica wishes to express its desire to contribute constructively to the development of this standard, ensuring that it is technically sound, internationally applicable, and facilitates both the protection of public health and transparency in trade.	**Costa Rica**
Yes, we are interested	**Egypt**
نعم	**Iraq**
Yes, Kazakhstan is interested in and willing to participate in this work	**Kazakhstan**
Yes, • Kenya is willing to participate in the process in order to collect and contribute relevant data that will facilitate the development of the standard considering the high camel milk production within the country. • Kenya is also willing to lead or join the working group/task force in the development of this standard.	**Kenya**
Developing a Codex standard is therefore a priority for Mongolia, and we express willingness to actively participate by sharing data, technical expertise, and national perspectives on Bactrian camel milk.	**Mongolia**
Although the United States believes that it is premature to develop a Codex standard, if the new work proposal were to be accepted, we would be interested, engaged, and willing to support the effort and help ensure alignment with existing standards. In particular, if new work were undertaken, the United States is of the view that care should be taken to ensure any standard for camel milk is complementary—and not duplicative or confounding—to the existing robust body of Codex standards that uphold the trade of milk and milk products globally. The existing body of Codex references already support and facilitate the trade of milk and milk products, including that of camel milk, and if undertaken, a standard for camel milk should address only science-based safety and quality factors where camel milk is not already covered by Codex standards. Where safety and quality are already covered by other standards, reference should be made to those standards without additions. As mentioned above, the United States has concerns that the specificities of camel milk vis-à-vis other species' milk require further evaluation before a sufficiently founded scientific basis is established to support standard development.	**USA**
FIA does not support the new work.	**FIA**
Although IDF does not support the work progressing, IDF as the global expert voice on milk and milk products will remain engaged on any further work should this topic progress.	**IDF/FIL**
Area 4: Mechanism for how any future work on this could be undertaken	

COMMENT	MEMBER / OBSERVER
In your view, if considered a priority and approved by CAC, what might be the appropriate mechanism for undertaking the proposed work?	
If work were to be undertaken it should be undertaken by the body with the most relevant expertise to address the agreed upon problem.	**Australia**
Costa Rica considers that the most appropriate mechanism would be to develop the standard through a working group by correspondence, led by the Codex Committee on Milk and Milk Products (CCMMP), in close coordination with the relevant horizontal committees on safety, contaminants, additives, methods of analysis, and labeling. This approach would ensure that the specific characteristics of camel milk are integrated in a manner consistent with general Codex texts, avoiding duplication of effort and ensuring a result consistent with the mandate to protect consumer health and promote fair practices in international trade. Additionally, it is important that the new standard refer to the provisions established in the General Standard for the Labeling of Prepackaged Foods (CXC 1-1969) and the General Standard for the Use of Dairy Terms (CXC 206-1999), in order to ensure regulatory consistency, maintain focus on the specific aspects of camel milk, and avoid misleading or deceiving consumers.	**Costa Rica**
The work should be carried out through the (CCMMP), compiling all studies that have addressed the effect of heat on camel milk quality to determine the appropriate degree of pasteurization and define milk specifications that can be applied globally.	**Egypt**
Since the Codex Committee on Milk and Milk Products is currently adjourned sine die, we suggest that the CAC reactivate the Committee to undertake this work. This work can be carried out through working by correspondence.	**Indonesia**
هي الأنسب الآلية -جديد عمل اقتراح -منتجة دولة بقيادة إلكتروني عمل فريق -من علمي دعم FAO/WHO	**Iraq**
The appropriate mechanism for undertaking the proposed work is through the EWG	**Kazakhstan**
The relevant committees could handle the work through a hybrid of electronic working groups and physical meetings. These committees could include: • Codex Committee on Milk and Milk Products (CCMMP) • Codex Committee on Food Hygiene (CCFH)	**Kenya**
Mongolia supports assigning this work to the Codex Committee on Milk and Milk Products (CCMMP), with necessary input from horizontal committees (Food Hygiene, Food Additives, Methods of Analysis and Sampling). The process should ensure inclusive treatment of both camel species, Camelus dromedarius and Camelus bactrianus. We recommend developing the standard in necessary sessions, based on the gap analysis and data collected, with clear inclusion of authenticity criteria to prevent fraud.	**Mongolia**
The CCMMP is currently adjourned sine die and the current new work proposal is the only one for consideration. Should the CAC agree to the new work proposal, a possible way forward might be to reactivate the CCMMP to work by correspondence in line with the Guidelines for Committees working by correspondence. This mechanism provides the necessary flexibility to convene ad hoc physical working group meetings (open to all members of the CAC) to develop the draft standard for consideration by the Committee either by virtual or other means. This modality	**New Zealand**

COMMENT	MEMBER / OBSERVER
would be similar to that used by the Codex Committee on Fish and Fishery Products (CCFFP) during its recent deliberations. Ensuring a clear and limited scope would be critical in the success of any such work. The developed standard’s structure and scope needs to be consistent with and not duplicate existing Standards.	
Given the limited nature of any future work as well as the stated niche and informal trade of this commodity, the United States considers that, if approved, any future work in this area should proceed by correspondence only, with clear terms of reference that ensure the work can be completed within a limited and explicitly defined scope of work.	**USA**
FIA does not support the new work.	**FIA**

附录II

关于制定新食物来源和生产体系风险分析原则的新工作提案

讨论文件及项目文件在此获取。