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## VOTE ON NEW WORK ITEM PROPOSAL

# 18/05 – A

**Milk and milk products - Determination of alkaline phosphatase activity-  
Revision to extend to cream products (ISO 11816-1 | IDF 155-1) and  
incorporation of equipment updates (ISO 11816-1 | IDF 155-1 and ISO 11816-  
2 | IDF 155-2)**

*Date of circulation :*

12 February 2018

*Closing date for voting :*

19 March 2018

**IDF National Committees of full IDF member countries are requested to vote.**

### Notes from IDF Head Office

The full background and explanation on the proposed New Work Item and the results of evaluation of the proposal by the IDF Science Programme Coordination Committee are included.

IDF National Committees of full member countries are requested to reply to this survey within the deadline specified above.

IDF National Committees that have no interest in the subject matter but at the same time do not want to block adoption of this new work item that is important for other National Committees should indicate their wish to abstain from voting.

IDF National Committees of Associate IDF member countries that may wish to express an interest in active participation are requested to send this form to the IDF Head Office within the deadline specified above.

# IDF New Work Item Proposal

**NWI title: Milk and milk products - Determination of alkaline phosphatase activity- Revision to extend to cream products (ISO 11816-1 | IDF 155-1) and incorporation of equipment updates (ISO 11816-1 | IDF 155-1 and ISO 11816-2 | IDF 155-2)**

**Proposer: Sinderella Abdallah (US), supported by SCAMPAI**

**Date: September 12<sup>th</sup>, 2017**

<b>Description of the work and why is it important to the dairy sector?</b>	
<p>Currently there is no method to quantify cream products. Cream samples with various % fat and various textures have been a challenge, primarily due to the fact that the ALP levels in cream samples cannot be expected to be sufficiently stable to sustain the rigors of an international collaborative study.</p> <p>The goal is to add cream to the scope and add an annex to the standard detailing the definition of cream which can successfully be tested together with some representative data that can be anticipated for general reference.</p> <p>Advanced Instruments, being the manufacturer for the Fluorophos ALP Fluorometer instrument, will conduct a trial to improve on the sample preparation protocol and provide in house validation data. Various levels of “high” cream will be tested ranging from 18%-45%.</p> <p>The manufacturer also has upgraded their equipment (FLM 300). Therefore, both parts of the standard also needs to be revised to accommodate for editorial changes.</p>	
<b>Why should IDF work on this item? This should include the benefit that IDF can deliver, and the consequences if IDF would not undertake this work.</b>	
<p>Currently there isn't a method defined for the testing of creams, and laboratories adhering to the IDF/ISO protocols for ALP testing are challenged as they cannot report quality/audit data without the specific reference method recommended. As Advanced will do the testing, the results can be used as support data to the method.</p>	
<b>How does this work align with IDF's Strategy (which pillar, which objective, etc)?</b>	
<p>Aligns with the Standards pillar (harmonizing and implementing IDF/ISO standards). Aligns also with the Food Safety &amp; Quality pillar (promoting the use of analytical tools that safeguard the safety and quality of milk and milk products).</p>	
<b>Who outside of IDF is working on this item? (IGOs, key influencers, other dairy organizations like GDP, other public and private sector organizations...)</b>	
<p> </p>	
<b>What, Who, When, How ?</b>	
<b>Proposed Deliverable(s)</b>	Revised IDF/ISO standard

<b>Specify intended use of the end product</b>	The standard will be used to quantify the ALP activity of the cream
<b>Target audience</b>	International organization such as IDF/ISO, along with policymakers in the dairy industry, dairy laboratories, and government laboratories testing for pasteurization.
<b>Proposed body to be responsible</b>	SCAMPAI
<b>Proposed leader</b>	Sinderella Abdallah (US)
<b>Other IDF Bodies to be involved</b>	SCMH to be informed
<b>Have interdependencies with other projects been identified?</b>	Alternative method also under development under SCAMPAI.
<b>Proposed Completion Date</b>	June 2019
<b>Requirements regarding IDF Head Office staff support</b>	Prepare proposal, sending out NWI proposal and collate responses, adding to SC agenda and send relevant working documents. Sending out Questionnaire and collate responses. Coordinate with ISO secretariat and AT leaders. Publish on the website. Estimated staff time needed: 8 working days.
<b>Funding requirements, if any, and how these will be covered – define internal vs. external sources .</b>	Advanced Instruments, LLC will be covering the cost of the validation test. Advanced Instruments, LLC internal laboratory will be the sole site testing the cream products.
<b>Further requirements or details</b>	
<b>Communication</b>	
<b>What is the objective of the communication?</b>	By providing a protocol for sample preparation and guidance on testing cream products, it will provide a guide to the dairy industry as a whole, and help agencies adhere to audit requirements.
<b>Specify the main messages to get across with the end product</b>	
<b>Who are the organizations and/or individuals targeted in communication efforts?</b>	All dairy testing agencies and laboratories.
<b>Specific deadline to be met (events, meetings, other publications)</b>	NA

**IDF Science and Programme Coordination Committee's evaluation of the proposal**

	<b>Evaluation</b>	<b>Yes/No or recommendation</b>
1	Does the proposed work item meet the IDF mission and strategy ?	Yes
2	In which IDF Strategy focus area does this item fit?	Standards, Dairy Safety and Quality
3	Are there sufficient resources available in IDF?	Yes
4	Has the communications planning been sufficiently outlined?	Yes
5	At this time, is this a priority item?	No
6	What approval category should apply for the final end product? a) IDF National Committees b) Science and Programme Coordination Committee or c) Standing Committee / Task Force	a) IDF National Committees (and ISO member bodies)
7	Science and Programme Coordination Committee's recommendation for adoption of the new work item by IDF	Endorse