



Special investigation into food fraud: adulteration of local and imported milk and other dairy products.

(PRJ-0172-2017)

DAIRY STANDARD AGENCY

Quarter 4 2017 (October 2017 till December 2017)

Project goals

Goal 1 - To identify specific possible fraudulent practices in milk and other dairy products of food safety and product compositional concern, determine the availability of specific analytical methods (where applicable have the analytical methods developed by independent non-commercial laboratories) and testing of products. The outcome of the investigation is to serve as part of a Milk SA report on the status of food fraud of locally processed milk and other manufactured dairy products as well as imported dairy products over a predetermined period.

Achievements

During the fourth quarter the DSA research in conjunction with experts and expert companies (national as well as international) specialising on the subject of food fraud continued resulting into an elimination process of methods of analysis.

Spectrophotometry technology was researched in order to identify adulteration in milk and other dairy products and test runs in collaboration with an international well known supplier of technology and national analytical laboratory was earmarked during Cycle 63 (October – December 2017) at no cost in order to:

Determine if the technology can be effectively applied in order to identify adulteration;

Be able to develop an extended software programme suitable for the South African dairy industry to effectively screen for abnormalities in dairy products with the assistance of a qualified Chemometrician (person who generate NIR calibrations.).

Due to the unavailability of the expert services during the fourth quarter the work has been put on hold and to be continued in the first quarter in 2018.

As the project is still in the preliminary phase no funds from the project were used at this stage.

Non-achievements / underperformance

Work was not completed as planned in the fourth quarter.

Reasons for non-achievements / underperformance

Work was placed on hold during the fourth quarter due to the unavailability of the expert services used in the investigation.

Planned remedies for non-achievements / underperformance

Planned work to continue during during the first quarter of 2018 subject to continuation and availability of Milk SA funding in 2018

Income and expenditure statement

Income and expenditure statement	No file has been uploaded
Unnecessary spending during period	No

Popular Report

No file has been uploaded

Additional documentation

No file has been uploaded

Statement

Levy funds were applied only for the purposes stated in the contract	No
Levy funds were applied in an appropriate and accountable manner	No
Sufficient management and internal control systems were in place to adequately control the project and accurately account for the project expenditure	Yes
The information provided in the report is correct	Yes