

Di Luca & Di Luca AB
Catarina Edwardsson
Alsnögatan 11
116 41 STOCKHOLM

AR-21-LW-051367-01

EUSELI-00322462

Client code:: LW8877294

Reference:

006-10511-246987

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ANALYTICAL REPORT

Sample code:	525-2021-06100217	Sample date:	2021-06-10		
Client Sample:	Baba Farm Fetaost 100g, bäst före: 15.09.2021				
Received:	2021-06-10				
Report finished:	2021-06-18				
Client sample code	2.				
Reception Temp.	4,2°C				
Start of analysis	2021-06-10 08:00:00				
	Analysis	Result Unit	Uncert.	Method	Lab
BJ00C	Bos taurus (cow)	detected major part (50-100%)			EUMUMA
BJ00C	Ovis aries (sheep)	not detected			EUMUMA
BJ00C	Capra hircus (goat)	not detected			EUMUMA
LP06U	Moisture	60.2 g/100 g	± 10%	NMKL 23	EUSELI

Report comments:

Test: BJ00C Species Determination

Sample Preparation, Method and References:

Method details are given in SOP_APG_div.Speziestests_BJ00C_2.0_02.08.16.

In brief, DNA is extracted from approx. 4 g milk or cheese / sample with a commercial kit acc. to manufacturer's manual (slightly modified). For each species of interest one specific real-time PCR assay is applied to detect and measure the amount of present animal species DNA. Using the detected signal, each species DNA amount present in the sample is calculated as relative value (%) related to the total amount of determined DNA and is given in a semi-quantitative range: major parts (100-50 %), medium parts (50-10 %) and minor parts (10-2 %). The relative LOD for each assay in milk/cheese is 2 % weight proportion for Ovis aries, Capra hircus and Bos taurus.

Further, one mitochondrial sequence region is amplified by PCR from sample DNA extracts using a universal primer pair and analysed by DNA sequencing followed by data base search (nucleotide BLAST, basic local alignment search tool) in the nucleotide collection of the US National Center for Biotechnology Information, NCBI (updated daily, use of version that was valid at time of sample data analysis, <https://blast.ncbi.nlm.nih.gov/Blast.cgi>) and/or the Barcode of Life Database (BOLD, use of version that was valid at time of sample data analysis, <http://www.boldsystems.org/>).

Copy to:

Anna Soini (anna.soini@diluca.se)

Catarina Edwardsson (catarina.edwardsson@diluca.se)

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Symbol description:

* Not accredited

 AR-003 sort v4
2.0

Uncert: Measurement uncertainty

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Björn Sahlberg, ASM

This test report has been created electronically and has been verified and authorised.

Test was performed by

EUMUMA Eurofins Genomics Eur Applied Genomics (Ebersberg), Ebersberg bei München
EUSELI Eurofins Food & Feed Testing Sweden (Lidköping)

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