



Routine Methods

Laboratory participation codes and Performance analyses

Laboratory Name	Laboratory name
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Your participation Codes				
	Fat	Protein	Lactose	Urea
A	Subscription	Yes	Yes	
	Participation Codes	13	13	
	Are all the sample results received ?	Yes	Yes	

Data results received on time		
Yes	No	Deadline 19.09.2016

Have you sent the data with the correct units of measurements ?				
	Fat	Protein	Lactose	Urea
C	g/100g	g/100g	g/100g	mg/dl
	Yes	Yes		

Outliers				
	Fat	Protein	Lactose	Urea
D	Sample	Sample	Sample	Sample
	g/100g	g/100g	g/100g	mg/dl

Repeatability									
Your "r" performance					Limits				
	Fat	Protein	Lactose	Urea		Fat	Protein	Lactose	Urea
E	g/100g	g/100g	g/100g	mg/dl		g/100g	g/100g	g/100g	mg/dl
						ISO 9622 IDF 141			ISO 14637 IDF 195
						0,04	0,04	0,04	1,5

If the repeatability is smaller than the limit the cell is in green if there is a sample with a "r" bigger than the limit the cell is in red. Please check table II in correspondence of the parameter and your lab code.

Z-Score										
Your Z-Score PT					Interpretation Z-Score					
	Fat	Protein	Lactose	Urea		-2<Z-Score<-2	-3<Z-Score<-2	2<Z-Score<3	Z-Score<-3	Z-Score>3
F						Good	Moderate	Moderate	Poor	Poor
	Your FIX Z-Score									

If there is a sample with a "z-score" in the yellow or red area please check table VI and VII in correspondence of your lab code.

Ranking of your lab									
Mean difference and standard deviation of difference					Indicative Limits defined in the ICAR MA SC				
	Fat	Protein	Lactose	Urea		Fat	Protein	Lactose	Urea
G						g/100g	g/100g	g/100g	mg/dl
						d=0,02	d=0,025	d=0,10	d=2,5
						sd=0,03	sd=0,020	sd=0,10	sd=1,5

If d and sd are in the limit (see Table 1 and Figure 1) the cells are in green

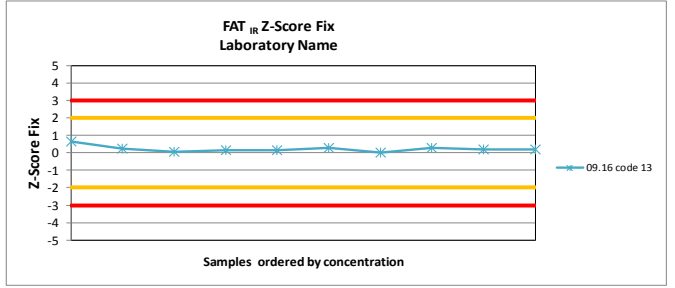
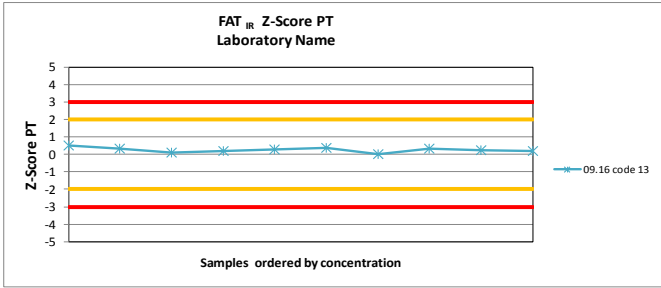
Note : Limits are only indicative and so far do not constitute standard values; they indicate what is normally reachable by labs for their self evaluation

Legenda:

	positive performance for all the sample
	same sample showed a performance out of range or there are miss data
	The parameter was not analyzed

Control Charts

Control Charts Fat



Control Charts Protein

