

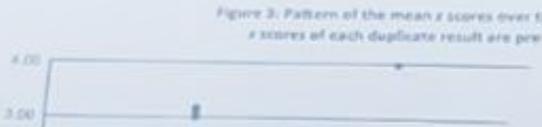


Proficiency testing  
Milk - chemistry  
Fat content  
Samples dispatched: 18 January 2021

Your labcode: 0021

Table 3.7. Mean z score and z score of each duplicate result, of the last 8 proficiency tests

Date of PT	z score	z score result 1	z score result 2	z score result 3	z score result 4	z score result 5	z score result 6	z score result 7
03-08-2019	0.012	-0.047	0.336	-0.074	0.012	0.133	-0.170	0.0
11-07-2019	0.012	-1.736	-0.184	-0.430	0.015	0.133	-2.431	1
08-04-2019	0.020	0.415	-0.889	0.949	0.843	0.500	-0.363	7
02-09-2018	0.012	-0.930	-0.319	-0.491	-0.447	-0.709	-1.810	
20-01-2020	0.014	-2.591	-0.992	-2.058	-2.012	-1.950	-3.854	
20-04-2020	0.012	-0.590	-0.360	-0.170	0.040	-1.681	-0.321	
31-08-2020	0.012	-3.307	-4.876	-4.361	-3.977	-3.865	-2.059	
19-01-2021	0.010	-1.900	-1.907	-2.431	-3.088	-1.724	-1.719	



# Portfolio Proficiency tests 2026

## Chemical proficiency tests

Article code	Type of product	Parameters	Q <sup>1)</sup>	Dates of dispatch in 2026												
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
RO010	Milk	Fat, protein, dry matter, lactose	Q		2			4					7			
RO030	Whey	Fat, protein, dry matter	Q		2			4					7			
RO020	Cream	Fat, protein, dry matter	Q			2				1					12	
RO050	Milk, cream	Freezing point	Q			2				1					12	
RO060	Cheese	Fat, salt, moisture	Q			9				8					26	
RO065	Cheese	pH	Q			9				8					26	
RO070	Butter	SNF, moisture, pH	Q			9									26	
RO080	Butterfat	Peroxide, FFA	Q			9									26	
RO090	Milk powder	Fat, protein, moisture	Q		23			11					21			
RO150	Whey powder	Fat, protein, moisture			23			11					21			
RO160	Infant food	Fat, protein, moisture			23			11					21			
RO040	Conc. milk	Fat, protein, saccharose, dry matter	Q		9									5		
RO140	Water	COD	Q		9									5		
RO180	Milk	Urea				30				22					26	
RO735	Milk	Somatic cell count			2			11					14			
RO170	Concentrate	Fat, protein, total solids				16								12		

1) Qlip is accredited within the requirements of ISO/IEC 17043 (Registration no R 010).



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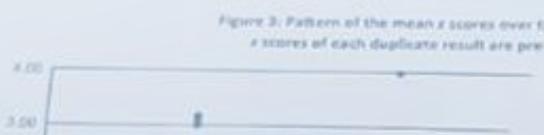


Proficiency testing  
Milk - chemistry  
Fat content  
Samples dispatched: 18 January 2021

Your labcode: 0021

Table 3. 7, mean z score and z score of each duplicate result, of the last 8 proficiency tests

Date of PT	z score	Mean z score	z score result 1	z score result 2	z score result 3	z score result 4	z score result 5	z score result 6
03-08-2019	0.012	-0.047	0.336	-0.074	0.012	0.123	-0.170	0.0
11-07-2019	0.012	-1.736	-0.184	-1.430	-0.015	0.122	-2.431	1
08-04-2019	0.020	0.415	-0.889	0.949	0.842	0.500	-0.363	7
02-09-2018	0.012	-0.930	-0.319	-0.491	-0.447	-0.709	-1.810	7
20-01-2020	0.014	-2.581	-2.992	-2.058	-2.012	-1.950	-3.854	7
20-04-2020	0.012	-0.590	-0.360	-0.170	0.040	-1.681	-0.321	7
31-08-2020	0.012	-3.267	-4.825	-4.361	-3.277	-3.865	-2.029	7
18-01-2021	0.010	-1.900	-1.907	-2.431	-3.088	-1.724	-1.719	7



### Microbiological proficiency tests

Article code	Type of product	Parameters	Q <sup>1)</sup>	Dates of dispatch in 2026												
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
RO510	Milk	Total plate count enumeration <sup>2)</sup>	Q	26			13						14			
RO530	Milk	Coliforms enumeration <sup>2)</sup>	Q	26			13						14			
RO585	Milk	Enterobacteriaceae enumeration <sup>2)</sup>	Q	26			13						14			
RO600	Milk	Thermophilic streptococci enumeration <sup>2)</sup>	Q	26			13						14			
RO610	Milk	Lactobacilli enumeration <sup>2)</sup>	Q	26			13						14			
RO545	Milk	E. Coli enumeration <sup>2)</sup>				9				8					2	
RO570	Milk	Coagulase-positive staphylococci detect./not detect. <sup>2)</sup>				9				8					2	
RO575	Milk	Coagulase-positive staphylococci enumeration <sup>2)</sup>				9				8					2	
RO580	Milk	Enterobacteriaceae detect./not detect. <sup>2)</sup>				9				8					2	
RO550	Milk	Yeasts and moulds enumeration <sup>2)</sup>			9					1				5		
RO560	Milk	Bacillus cereus - vegetative enumeration <sup>2)</sup>			9					1				5		
RO590	Milk	Salmonella detect./not detect. <sup>3)</sup>			9					1				5		
RO640	Milk	Listeria monocytogenes detect./not detect. <sup>3)</sup>			9					1				5		
RO525	Milk	Total Bacterial Count (IBC units)				30								26		
RO705	Milk	Inhibitory substances/antibiotics	Q			16				15			28			

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 2) Only organised for participants within European Union and United Kingdom (GB).  
 3) Only organised for participants within the Netherlands.



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