

**Ring Test Results (milk samples)**

Test	Assigned value (ng/kg)	Result (ng/kg)	Z-score
FAPAS Proficiency Test 04217 Aflatoxin M1 in Milk Powder May-June 2013	115	114	0.0
FAPAS Proficiency Test 04259 Aflatoxin M1 in Milk Powder March-May 2015	102	93	-0.4
A.I.A. Ring Test Lotto RT M1 270916 Aflatoxin M1 in Lyophilized Milk September 2016	8.63	8.48	0.013
	20.27	19.31	
	33.10	32.79	
	50.25	51.66	
FAPAS Proficiency Test 04308 Aflatoxin M1 in Milk Powder February-April 2017	55	51	-0.3
A.I.A. Ring Test Lotto RT M1 280317 Aflatoxin M1 in Lyophilized Milk March 2017	19.10	20.70	0.54
	10.47	11.80	
	31.25	35.17	
	44.08	46.83	
DRRR-Proficiency Testing RVEP 170034 in milk residues June 2017	40	48	1.05
A.I.A. Ring Test Lotto RT M1 260917 Aflatoxin M1 in Lyophilized Milk September 2017	48.11	49.27	0.04
	17.62	17.28	
	27.40	26.67	
	9.98	9.50	
A.I.A. Ring Test Lotto RT M1 270318 Aflatoxin M1 in Lyophilized Milk March 2018	10.50	11.42	0.33
	59.55	59.41	
	34.90	36.61	
	16.50	17.68	
A.I.A. Ring Test Lotto RT M1 250918 Aflatoxin M1 in Lyophilized Milk September 2018	11.01	10.05	-0.30
	23.50	21.33	
	49.9	48.08	
	59.70	55.88	



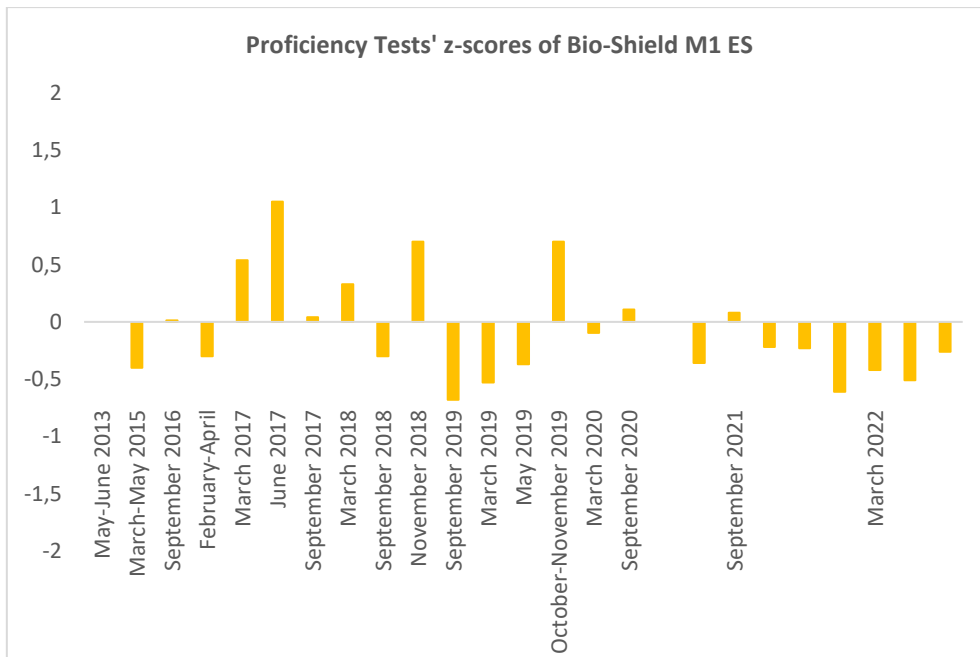
FAPAS Proficiency Test 04346 Aflatoxin M1 in Milk Powder October-November 2018	85.9	98.6	0.7
A.I.A. Ring Test Lotto RT M1 240919 Aflatoxin M1 in Lyophilized Milk September 2019	13.00	12.10	-0.68
	31.80	26.99	
	50.10	44.40	
	51.10	44.07	
A.I.A. Ring Test Lotto RT M1 260319 Aflatoxin M1 in Lyophilized Milk March 2019	24.00	21.02	-0.53
	53.40	48.91	
	34.70	30.72	
	70.8	66.03	
DRRR-Proficiency Test RVEP 190528 in milk May 2019	39.00	37.00	-0.37
FAPAS Proficiency Test 04370 Aflatoxin M1 in Milk Powder October-November 2019	42.9	49.2	0.7
A.I.A Ring Test Lotto RT M1 240320 Aflatoxin M1 in Lyophilized Milk March 2020	19.7	17.2	-0.096
	27.1	28.75	
	46.1	42.46	
	56.9	60.00	
A.I.A Ring Test Lotto RT M1 290920 Aflatoxin M1 in Lyophilized Milk September 2020	26.4	26.39	0.107
	19.5	17.74	
	44.0	45.03	
	50.0	52.81	
A.I.A Ring Test Lotto RT M1 280921 Aflatoxin M1 in Lyophilized Milk September 2021	8.48	7.54	-0.36
	15.03	15.27	0.08
	35.62	34.37	-0.22
	46.80	45.24	-0.23
A.I.A Ring Test Lotto RT M1 220322 Aflatoxin M1 in Lyophilized Milk March 2022	13.33	11.40	-0.61
	25.47	23.50	-0.42
	48.35	43.80	-0.51
	63.43	60.70	-0.26



### Ring Test Results (cheese samples)

Test	Assigned value (ng/kg)	Result (ng/kg)	Z-score
A.I.A Ring Test Lotto RTF M1 251016	331	321.90	-0.15
Aflatoxin M1 in cheese October 2016	36	40.02	0.14
A.I.A Ring Test Lotto RTF M1 210317	20	20.05	0.0
Aflatoxin M1 in cheese March 2017	313	270.50	-0.66
DRRR-Proficiency Testing RVEP 190567 in processed cheese July 2019	3103	3981	0.59
		3826	0.49

Figure 1. Proficiency Test's z-Scores (milk samples)





**Figure 2. Proficiency Test's z-Scores (cheese samples)**

