

Our reference: AD2017-272-Euro-ei

Sample: 1 egg sample supplied 17/11/2017

Date: 27/11/2017

Code	g / 100 g fatty acids	mg/100 g egg
	Konings 2BE113801	Konings 2BE113801
C10:0	0.01	0.7
C12:0	0.01	0.7
C14:0	0.25	20.1
C15:0	0.09	7.3
C16:0	20.88	1651.3
C17:0	0.20	15.8
C18:0	8.13	642.6
C20:0	1/2 0.03	2.1
C22:0	0.03	2.2
C24:0	0.00	0.0
SFA	29.62	2342.8
C14:1	0.04	3.4
C16:1	2.42	191.7
C17:1	0.15	11.9
c9C18:1	36.83	2913.2
c11C18:1	1.55	122.6
C20:1	0.19	15.1
C22:1	0.00	0.0
C24:1	0.14	11.0
MUFA	41.33	3269.0
C18:2n-6	15.97	1263.4
C18:3n-6	0.08	6.1
C20:2n-6	0.11	8.5
C20:3n-6	0.13	10.6
C20:4n-6	0.91	72.2
C22:4n-6	0.04	3.0
C22:5n-6	0.03	2.5
n-6 PUFA	17.27	1366.2
C18:3n-3	7.50	593.2
C18:4n-3	0.03	2.7
C20:3n-3	0.11	8.5
C20:4n-3	0.04	2.8
C20:5n-3	0.13	10.5
C22:5n-3	0.30	23.8
C22:6n-3	1.62	128.5
n-3 PUFA	9.74	770.1

Fat content: 9.61 % (based on total fatty acid content)

Method: extraction with chloroform/methanol (2/1) followed by base –acid methylation.
Gaschromatographic separation and quantification using C19:0 as internal standard.

Evaluation

Code	Konings 2BE113801
n-3	9.74
DHA	1.62
ALA	7.50
n-6/n-3	1.77
SFA/n-3	3.04
Conformity with orientation value	
n-3	OK
DHA	OK
ALA	OK
n-6/n-3	OK
SFA/n-3	OK
Conformity with tolerance value	
n-3	OK
DHA	OK
ALA	OK
n-6/n-3	OK
SFA/n-3	OK

Vitamin E content

µg alpha-tocopherol per gram egg sample: **70.0 ± 0.42** (mean ± standard deviation of 2 duplicates)