

Ringtest(DGF)

Olive Oil - Modified Determination of Pyropheophytins (7/2005)

Sample	Code	Parameter/Method)	P	p	n	m	sr	CVr	r	sR	CVR	R
1	A1, A4,B1,B5	Cold-Index after clean-up	16	14	28	0,6700	0,138	20,60	0,387	0,38	56,30	1,056
2	A2,A5,B2,B8	Cold-Index after clean-up	15	10	20	0,8600	0,086	9,90	0,240	0,35	40,00	0,966
3	A3,A8,B3,B4	Cold-Index after clean-up	16	13	26	-0,0200	0,002	-14,10	0,006	0,00	-20,70	0,009
4	A6,A9,B6,B7	Cold-Index after clean-up	16	14	28	-0,0100	0,003	-20,90	0,009	0,01	-57,50	0,024
5	A7,A10,B9,B10	Cold-Index after clean-up	16	13	26	54,1700	10,44	19,30	29,222	33,84	62,50	94,739
1	A1, A4,B1,B5	Pyropheophytins (%/total Pigments)	16	12	24	28,8600	0,529	1,80	1,480	1,78	6,20	4,981
2	A2,A5,B2,B8	Pyropheophytins (%/total Pigments)	16	12	24	34,0100	0,609	1,80	1,704	2,08	6,10	5,814
3	A3,A8,B3,B4	Pyropheophytins (%/total Pigments)	16	14	28	5,6300	0,592	10,50	1,658	0,79	14,10	2,219
4	A6,A9,B6,B7	Pyropheophytins (%/total Pigments)	16	15	30	6,2600	0,363	5,80	1,015	1,29	20,70	3,622
5	A7,A10,B9,B10	Pyropheophytins (%/total Pigments)	16	15	30	84,7500	1,087	1,30	3,043	3,06	3,60	8,554
1	A1, A4,B1,B5	Pyropheophytins ppm	15	12	24	1,7700	0,202	11,40	0,567	0,98	55,20	2,742
2	A2,A5,B2,B8	Pyropheophytins ppm	15	12	24	1,7400	0,115	6,60	0,323	1,13	64,80	3,157
3	A3,A8,B3,B4	Pyropheophytins ppm	15	13	26	0,3700	0,065	17,50	0,183	0,23	60,20	0,631
4	A6,A9,B6,B7	Pyropheophytins ppm	15	10	20	0,5600	0,014	2,50	0,040	0,36	64,80	1,013
5	A7,A10,B9,B10	Pyropheophytins ppm	15	12	24	6,7700	1,145	16,90	3,206	4,31	63,70	12,072

Note

Number of participating laboratories (P)

Number of laboratories retained after eliminating outliers (p)

Number of test results in all labs (n)

Mean (m)

Repeatability standard deviation (s_r)

Coefficient of Variation of Repeatability(CV_r)

Repeatability limit (r)

Reproducibility standard deviation (s_R)

Coefficient of Variation of Reproducibility(CV_R)

Reproducibility limit (R)