

Tab. 12.1. Concentrazioni degli elementi chimici dosati nei campioni di vegetali edibili

Sample ID	Specie	Parte della pianta	Cr (mg kg ⁻¹)	Mn (mg kg ⁻¹)	Fe (mg kg ⁻¹)
SQ585-P/BL(2A)	Carruba domestica	Frutto	0.63	4.06	30.40
SQ585-P/BL(2B)	Carruba domestica	Semi	0.59	6.23	34.25
SQ585-P/BL(3A)	Carruba domestica	Frutto	0.47	5.44	48.78
SQ585-P/BL(3B)	Carruba domestica	Semi	0.38	5.99	35.41
SQ585-P/BL(4A)	Carruba domestica	Frutto	0.52	4.93	47.28
SQ585-P/BL(4B)	Carruba domestica	Semi	0.29	5.71	38.49
SQ585-P/BL(5A)	Carruba domestica	Frutto	0.56	5.25	37.18
SQ585-P/BL(5B)	Carruba domestica	Semi	0.31	6.89	37.13
SQ585-P/BL(6A)	Carruba domestica	Frutto	0.39	4.05	34.19
SQ585-P/BL(6B)	Carruba domestica	Semi	1.60	3.81	26.02
SQ585-P/BL(7A)	Carruba domestica	Frutto	0.50	5.31	37.47
SQ585-P/BL(7B)	Carruba domestica	Semi	0.28	8.11	38.05
SQ585-P/BL(8A)	Carruba domestica	Frutto	0.35	6.42	38.84
SQ585-P/BL(8B)	Carruba domestica	Semi	0.64	5.46	30.77
SQ585-P/BL(9A)	Carruba domestica	Frutto	0.63	6.79	43.06
SQ585-P/BL(9B)	Carruba domestica	Semi	0.44	9.68	41.20
SQ585-P/BL(9C)	Carruba domestica	Foglie	1.76	43.57	190.29
SQ585-P/BL(9D)	Carruba domestica	Rami	0.77	8.24	125.04
SQ585-P/BL(10A)	Carruba domestica	Frutto	2.42	7.76	62.73
SQ585-P/BL(10B)	Carruba domestica	Semi	0.40	5.26	33.34
SQ585-P/BL(10C)	Carruba domestica	Foglie	1.64	46.38	208.42
SQ585-P/BL(10D)	Carruba domestica	Rami	0.60	9.76	139.98
SQ585-P/BL(A)	Carruba domestica	Frutto	0.36	3.10	26.67
SQ585-P/BL(B)	Carruba domestica	Semi	0.58	17.90	90.43
SQ592-P/BL(A)	Carruba domestica	Frutto	0.95	5.98	53.25
SQ592-P/BL(B)	Carruba domestica	Semi	0.48	26.53	70.87
SQ594-P/BL(1)	Uva	Acini	0.14	3.99	19.33
SQ594-P/BL(2)	Uva	Foglie	1.78	116.94	190.14
SQ594-P/BL(3A)	Mandorle	Mallo	0.81	9.09	104.64
SQ594-P/BL(3B)	Mandorle	Guscio	0.50	4.40	24.55
SQ594-P/BL(3C)	Mandorle	Seme	0.48	18.32	74.73
SQ602-P/BL(1A)	Olive verdi	Polpa	0.20	1.36	6.19
SQ602-P/BL(1B)	Olive verdi	Nocciolo	0.28	3.36	15.71
SQ602-P/BL(1C)	Olive verdi	Foglie	0.73	28.64	209.98
SQ602-P/BL(2A)	Olive nere	Polpa	0.32	1.39	8.15
SQ602-P/BL(2B)	Olive nere	Nocciolo	0.27	4.66	14.81
SQ602-P/BL(2C)	Olive nere	Foglie	0.48	30.56	152.46
SQ602-P/BL(3)	Mele	Frutto	0.15	3.36	30.04
SQ602-P/BL(4A)	Fichi d'india	Frutto	0.11	24.89	7.54
SQ602-P/BL(4B)	Fichi d'india	Foglie	1.65	2109.26	259.54
SQ602-P/BL(6A)	Uva	Acini	0.40	9.26	20.93
SQ602-P/BL(6B)	Uva	Foglie	3.27	147.41	149.33
SQ602-P/BL(7)	Asparagi	Frutto	0.26	4.05	13.53
SQ661-P/PM(1A)	Fico	Polpa	0.50	2.27	33.52
SQ661-P/PM(1B)	Fico	Foglie	4.22	54.30	887.95
SQ661-P/PM(1C)	Fico	Buccia	0.34	2.06	18.23
SQ661-P/PM(2A)	Arancio	Polpa	0.28	0.58	6.56
SQ661-P/PM(2B)	Arancio	Buccia	0.19	1.22	19.21
SQ661-P/PM(2C)	Arancio	Foglie	0.89	23.99	315.59
SQ661-P/PM(3A)	Arancio	Polpa	0.28	0.47	2.34
SQ661-P/PM(3B)	Arancio	Buccia	0.28	0.97	17.63
SQ661-P/PM(3C)	Arancio	Foglie	1.62	13.18	328.73
SQ667-P/PM(A)	Mandorle	Guscio	0.31	2.28	10.16
SQ667-P/PM(B)	Mandorle	Seme	0.21	20.16	71.59

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Sample ID	Specie	Parte della pianta	Co (mg kg ⁻¹)	Ni (mg kg ⁻¹)	Cu (mg kg ⁻¹)
SQ585-P/BL(2A)	Carruba domestica	Frutto	0.14	0.79	5.63
SQ585-P/BL(2B)	Carruba domestica	Semi	0.16	0.74	6.49
SQ585-P/BL(3A)	Carruba domestica	Frutto	0.15	1.12	5.42
SQ585-P/BL(3B)	Carruba domestica	Semi	0.26	0.71	6.97
SQ585-P/BL(4A)	Carruba domestica	Frutto	0.09	1.18	8.97
SQ585-P/BL(4B)	Carruba domestica	Semi	0.09	0.71	7.68
SQ585-P/BL(5A)	Carruba domestica	Frutto	0.16	2.04	7.30
SQ585-P/BL(5B)	Carruba domestica	Semi	0.11	1.07	7.37
SQ585-P/BL(6A)	Carruba domestica	Frutto	0.08	1.17	4.87
SQ585-P/BL(6B)	Carruba domestica	Semi	0.04	0.38	5.45
SQ585-P/BL(7A)	Carruba domestica	Frutto	0.41	1.15	5.30
SQ585-P/BL(7B)	Carruba domestica	Semi	0.09	0.72	6.19
SQ585-P/BL(8A)	Carruba domestica	Frutto	0.19	0.87	5.10
SQ585-P/BL(8B)	Carruba domestica	Semi	0.05	0.61	10.79
SQ585-P/BL(9A)	Carruba domestica	Frutto	0.25	1.15	5.84
SQ585-P/BL(9B)	Carruba domestica	Semi	0.07	0.58	6.19
SQ585-P/BL(9C)	Carruba domestica	Foglie	0.12	1.34	3.75
SQ585-P/BL(9D)	Carruba domestica	Rami	0.05	1.57	2.63
SQ585-P/BL(10A)	Carruba domestica	Frutto	0.18	1.99	8.06
SQ585-P/BL(10B)	Carruba domestica	Semi	0.05	0.43	5.99
SQ585-P/BL(10C)	Carruba domestica	Foglie	0.25	1.79	3.91
SQ585-P/BL(10D)	Carruba domestica	Rami	0.26	1.30	3.42
SQ585-P/BL(A)	Carruba domestica	Frutto	0.49	0.59	4.56
SQ585-P/BL(B)	Carruba domestica	Semi	0.40	4.10	10.32
SQ592-P/BL(A)	Carruba domestica	Frutto	0.79	1.06	4.26
SQ592-P/BL(B)	Carruba domestica	Semi	0.43	1.54	7.68
SQ594-P/BL(1)	Uva	Acini	0.02	0.44	2.11
SQ594-P/BL(2)	Uva	Foglie	0.24	2.06	6.72
SQ594-P/BL(3A)	Mandorle	Mallo	0.23	2.07	6.17
SQ594-P/BL(3B)	Mandorle	Guscio	1.80	0.81	4.44
SQ594-P/BL(3C)	Mandorle	Seme	0.32	4.20	13.49
SQ602-P/BL(1A)	Olive verdi	Polpa	0.01	0.38	3.09
SQ602-P/BL(1B)	Olive verdi	Nocciolo	0.02	0.43	3.78
SQ602-P/BL(1C)	Olive verdi	Foglie	0.15	2.08	5.23
SQ602-P/BL(2A)	Olive nere	Polpa	0.01	0.63	2.31
SQ602-P/BL(2B)	Olive nere	Nocciolo	0.03	3.02	5.54
SQ602-P/BL(2C)	Olive nere	Foglie	0.09	5.98	4.91
SQ602-P/BL(3)	Mele	Frutto	0.03	0.24	2.12
SQ602-P/BL(4A)	Fichi d'india	Frutto	0.07	1.17	1.54
SQ602-P/BL(4B)	Fichi d'india	Foglie	11.02	12.67	13.78
SQ602-P/BL(6A)	Uva	Acini	0.03	0.28	1.96
SQ602-P/BL(6B)	Uva	Foglie	0.41	3.84	4.43
SQ602-P/BL(7)	Asparagi	Frutto	0.02	0.49	3.95
SQ661-P/PM(1A)	Fico	Polpa	0.02	0.51	2.84
SQ661-P/PM(1B)	Fico	Foglie	0.45	4.51	7.13
SQ661-P/PM(1C)	Fico	Buccia	0.02	0.45	2.93
SQ661-P/PM(2A)	Arancio	Polpa	0.04	0.28	1.04
SQ661-P/PM(2B)	Arancio	Buccia	0.02	0.39	1.03
SQ661-P/PM(2C)	Arancio	Foglie	0.24	3.15	13.41
SQ661-P/PM(3A)	Arancio	Polpa	0.01	0.22	0.94
SQ661-P/PM(3B)	Arancio	Buccia	0.02	0.39	1.00
SQ661-P/PM(3C)	Arancio	Foglie	0.33	3.21	7.27
SQ667-P/PM(A)	Mandorle	Guscio	0.02	0.54	3.83
SQ667-P/PM(B)	Mandorle	Seme	0.09	0.49	12.19

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Sample ID	Specie	Parte della pianta	Zn (mg kg ⁻¹)	As (mg kg ⁻¹)	Cd (mg kg ⁻¹)
SQ585-P/BL(2A)	Carruba domestica	Frutto	21.40	0.62	0.27
SQ585-P/BL(2B)	Carruba domestica	Semi	33.59	0.20	0.12
SQ585-P/BL(3A)	Carruba domestica	Frutto	24.20	1.03	0.39
SQ585-P/BL(3B)	Carruba domestica	Semi	32.95	0.27	0.21
SQ585-P/BL(4A)	Carruba domestica	Frutto	47.33	0.74	0.55
SQ585-P/BL(4B)	Carruba domestica	Semi	35.43	0.24	0.15
SQ585-P/BL(5A)	Carruba domestica	Frutto	45.38	0.58	0.55
SQ585-P/BL(5B)	Carruba domestica	Semi	39.86	0.20	0.15
SQ585-P/BL(6A)	Carruba domestica	Frutto	35.34	0.45	0.45
SQ585-P/BL(6B)	Carruba domestica	Semi	25.11	0.16	0.15
SQ585-P/BL(7A)	Carruba domestica	Frutto	31.89	0.44	0.34
SQ585-P/BL(7B)	Carruba domestica	Semi	26.33	0.15	0.08
SQ585-P/BL(8A)	Carruba domestica	Frutto	25.08	0.52	0.54
SQ585-P/BL(8B)	Carruba domestica	Semi	30.15	0.15	0.15
SQ585-P/BL(9A)	Carruba domestica	Frutto	29.39	0.68	0.49
SQ585-P/BL(9B)	Carruba domestica	Semi	25.19	0.24	0.17
SQ585-P/BL(9C)	Carruba domestica	Foglie	91.99	2.95	1.72
SQ585-P/BL(9D)	Carruba domestica	Rami	120.40	0.65	3.38
SQ585-P/BL(10A)	Carruba domestica	Frutto	52.46	0.87	0.66
SQ585-P/BL(10B)	Carruba domestica	Semi	23.84	0.18	0.18
SQ585-P/BL(10C)	Carruba domestica	Foglie	100.93	3.35	1.81
SQ585-P/BL(10D)	Carruba domestica	Rami	116.31	0.72	4.26
SQ585-P/BL(A)	Carruba domestica	Frutto	15.97	0.61	0.28
SQ585-P/BL(B)	Carruba domestica	Semi	34.47	0.24	28.16
SQ592-P/BL(A)	Carruba domestica	Frutto	20.88	0.80	0.43
SQ592-P/BL(B)	Carruba domestica	Semi	46.22	0.35	0.36
SQ594-P/BL(1)	Uva	Acini	7.41	0.23	0.02
SQ594-P/BL(2)	Uva	Foglie	23.69	1.35	0.53
SQ594-P/BL(3A)	Mandorle	Mallo	14.24	0.75	0.05
SQ594-P/BL(3B)	Mandorle	Guscio	9.35	0.29	0.26
SQ594-P/BL(3C)	Mandorle	Seme	68.15	0.18	0.21
SQ602-P/BL(1A)	Olive verdi	Polpa	10.84	0.25	0.02
SQ602-P/BL(1B)	Olive verdi	Nocciolo	11.14	0.31	0.13
SQ602-P/BL(1C)	Olive verdi	Foglie	37.59	1.97	0.14
SQ602-P/BL(2A)	Olive nere	Polpa	15.44	0.30	0.06
SQ602-P/BL(2B)	Olive nere	Nocciolo	33.85	0.56	0.05
SQ602-P/BL(2C)	Olive nere	Foglie	45.06	3.64	0.20
SQ602-P/BL(3)	Mele	Frutto	12.64	0.12	0.01
SQ602-P/BL(4A)	Fichi d'india	Frutto	7.53	0.04	0.04
SQ602-P/BL(4B)	Fichi d'india	Foglie	302.02	0.66	3.10
SQ602-P/BL(6A)	Uva	Acini	9.43	0.11	0.07
SQ602-P/BL(6B)	Uva	Foglie	39.21	0.67	0.07
SQ602-P/BL(7)	Asparagi	Frutto	25.22	0.16	0.25
SQ661-P/PM(1A)	Fico	Polpa	7.55	0.16	0.04
SQ661-P/PM(1B)	Fico	Foglie	40.61	1.59	0.12
SQ661-P/PM(1C)	Fico	Buccia	10.01	0.16	0.04
SQ661-P/PM(2A)	Arancio	Polpa	7.97	0.12	0.01
SQ661-P/PM(2B)	Arancio	Buccia	8.83	0.14	0.01
SQ661-P/PM(2C)	Arancio	Foglie	46.39	1.43	0.04
SQ661-P/PM(3A)	Arancio	Polpa	5.87	0.11	0.01
SQ661-P/PM(3B)	Arancio	Buccia	7.37	0.14	0.01
SQ661-P/PM(3C)	Arancio	Foglie	46.49	0.61	0.06
SQ667-P/PM(A)	Mandorle	Guscio	15.98	0.42	0.03
SQ667-P/PM(B)	Mandorle	Seme	49.00	0.12	0.01

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Sample ID	Specie	Parte della pianta	Sb (mg kg ⁻¹)	Tl (mg kg ⁻¹)	Pb (mg kg ⁻¹)
SQ585-P/BL(2A)	Carruba domestica	Frutto	0.01	0.01	0.25
SQ585-P/BL(2B)	Carruba domestica	Semi	0.02	<0.01	0.90
SQ585-P/BL(3A)	Carruba domestica	Frutto	0.03	0.01	0.48
SQ585-P/BL(3B)	Carruba domestica	Semi	0.01	<0.01	0.28
SQ585-P/BL(4A)	Carruba domestica	Frutto	0.03	0.01	1.02
SQ585-P/BL(4B)	Carruba domestica	Semi	0.01	<0.01	0.23
SQ585-P/BL(5A)	Carruba domestica	Frutto	0.01	0.01	0.40
SQ585-P/BL(5B)	Carruba domestica	Semi	0.01	<0.01	0.23
SQ585-P/BL(6A)	Carruba domestica	Frutto	0.06	0.01	0.34
SQ585-P/BL(6B)	Carruba domestica	Semi	0.01	<0.01	0.25
SQ585-P/BL(7A)	Carruba domestica	Frutto	0.01	<0.01	0.24
SQ585-P/BL(7B)	Carruba domestica	Semi	0.01	<0.01	0.15
SQ585-P/BL(8A)	Carruba domestica	Frutto	<0.01	0.01	0.23
SQ585-P/BL(8B)	Carruba domestica	Semi	0.02	<0.01	0.24
SQ585-P/BL(9A)	Carruba domestica	Frutto	0.01	0.01	0.31
SQ585-P/BL(9B)	Carruba domestica	Semi	0.01	<0.01	0.26
SQ585-P/BL(9C)	Carruba domestica	Foglie	0.04	0.01	0.94
SQ585-P/BL(9D)	Carruba domestica	Rami	0.03	0.01	0.80
SQ585-P/BL(10A)	Carruba domestica	Frutto	0.02	0.01	0.48
SQ585-P/BL(10B)	Carruba domestica	Semi	0.01	<0.01	0.24
SQ585-P/BL(10C)	Carruba domestica	Foglie	0.04	0.01	0.85
SQ585-P/BL(10D)	Carruba domestica	Rami	0.01	<0.01	0.82
SQ585-P/BL(A)	Carruba domestica	Frutto	0.01	<0.01	1.71
SQ585-P/BL(B)	Carruba domestica	Semi	0.01	<0.01	1.70
SQ592-P/BL(A)	Carruba domestica	Frutto	0.01	<0.01	0.82
SQ592-P/BL(B)	Carruba domestica	Semi	0.01	<0.01	1.64
SQ594-P/BL(1)	Uva	Acini	0.01	<0.01	0.31
SQ594-P/BL(2)	Uva	Foglie	0.03	<0.01	2.47
SQ594-P/BL(3A)	Mandorle	Mallo	0.03	0.01	1.01
SQ594-P/BL(3B)	Mandorle	Guscio	0.02	<0.01	1.93
SQ594-P/BL(3C)	Mandorle	Seme	0.02	<0.01	1.99
SQ602-P/BL(1A)	Olive verdi	Polpa	0.01	<0.01	0.16
SQ602-P/BL(1B)	Olive verdi	Nocciolo	0.02	<0.01	0.47
SQ602-P/BL(1C)	Olive verdi	Foglie	0.03	<0.01	0.99
SQ602-P/BL(2A)	Olive nere	Polpa	0.01	<0.01	0.70
SQ602-P/BL(2B)	Olive nere	Nocciolo	0.01	<0.01	0.45
SQ602-P/BL(2C)	Olive nere	Foglie	0.09	<0.01	0.77
SQ602-P/BL(3)	Mele	Frutto	0.01	<0.01	0.33
SQ602-P/BL(4A)	Fichi d'india	Frutto	<0.01	<0.01	0.16
SQ602-P/BL(4B)	Fichi d'india	Foglie	0.02	0.03	2.79
SQ602-P/BL(6A)	Uva	Acini	0.01	<0.01	0.37
SQ602-P/BL(6B)	Uva	Foglie	0.06	<0.01	0.99
SQ602-P/BL(7)	Asparagi	Frutto	0.01	<0.01	0.34
SQ661-P/PM(1A)	Fico	Polpa	0.01	<0.01	0.21
SQ661-P/PM(1B)	Fico	Foglie	0.06	0.15	1.18
SQ661-P/PM(1C)	Fico	Buccia	0.01	<0.01	0.29
SQ661-P/PM(2A)	Arancio	Polpa	0.01	<0.01	0.22
SQ661-P/PM(2B)	Arancio	Buccia	0.01	<0.01	0.25
SQ661-P/PM(2C)	Arancio	Foglie	0.03	<0.01	0.75
SQ661-P/PM(3A)	Arancio	Polpa	0.01	<0.01	0.22
SQ661-P/PM(3B)	Arancio	Buccia	0.01	<0.01	0.19
SQ661-P/PM(3C)	Arancio	Foglie	0.06	<0.01	0.84
SQ667-P/PM(A)	Mandorle	Guscio	0.01	<0.01	0.62
SQ667-P/PM(B)	Mandorle	Seme	<0.01	<0.01	0.26

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Sample ID	Specie	Parte della pianta	U (mg kg ⁻¹)
SQ585-P/BL(2A)	Carruba domestica	Frutto	0.04
SQ585-P/BL(2B)	Carruba domestica	Semi	0.04
SQ585-P/BL(3A)	Carruba domestica	Frutto	0.03
SQ585-P/BL(3B)	Carruba domestica	Semi	0.03
SQ585-P/BL(4A)	Carruba domestica	Frutto	0.04
SQ585-P/BL(4B)	Carruba domestica	Semi	0.03
SQ585-P/BL(5A)	Carruba domestica	Frutto	0.03
SQ585-P/BL(5B)	Carruba domestica	Semi	0.03
SQ585-P/BL(6A)	Carruba domestica	Frutto	0.04
SQ585-P/BL(6B)	Carruba domestica	Semi	0.04
SQ585-P/BL(7A)	Carruba domestica	Frutto	0.03
SQ585-P/BL(7B)	Carruba domestica	Semi	0.03
SQ585-P/BL(8A)	Carruba domestica	Frutto	0.03
SQ585-P/BL(8B)	Carruba domestica	Semi	0.04
SQ585-P/BL(9A)	Carruba domestica	Frutto	0.03
SQ585-P/BL(9B)	Carruba domestica	Semi	0.03
SQ585-P/BL(9C)	Carruba domestica	Foglie	0.05
SQ585-P/BL(9D)	Carruba domestica	Rami	0.04
SQ585-P/BL(10A)	Carruba domestica	Frutto	0.04
SQ585-P/BL(10B)	Carruba domestica	Semi	0.03
SQ585-P/BL(10C)	Carruba domestica	Foglie	0.04
SQ585-P/BL(10D)	Carruba domestica	Rami	0.04
SQ585-P/BL(A)	Carruba domestica	Frutto	0.04
SQ585-P/BL(B)	Carruba domestica	Semi	0.04
SQ592-P/BL(A)	Carruba domestica	Frutto	0.04
SQ592-P/BL(B)	Carruba domestica	Semi	0.04
SQ594-P/BL(1)	Uva	Acini	0.03
SQ594-P/BL(2)	Uva	Foglie	0.05
SQ594-P/BL(3A)	Mandorle	Mallo	0.04
SQ594-P/BL(3B)	Mandorle	Guscio	0.04
SQ594-P/BL(3C)	Mandorle	Seme	0.05
SQ602-P/BL(1A)	Olive verdi	Polpa	0.02
SQ602-P/BL(1B)	Olive verdi	Nocciolo	0.03
SQ602-P/BL(1C)	Olive verdi	Foglie	0.05
SQ602-P/BL(2A)	Olive nere	Polpa	0.03
SQ602-P/BL(2B)	Olive nere	Nocciolo	0.04
SQ602-P/BL(2C)	Olive nere	Foglie	0.05
SQ602-P/BL(3)	Mele	Frutto	0.02
SQ602-P/BL(4A)	Fichi d'india	Frutto	0.02
SQ602-P/BL(4B)	Fichi d'india	Foglie	0.04
SQ602-P/BL(6A)	Uva	Acini	0.03
SQ602-P/BL(6B)	Uva	Foglie	0.06
SQ602-P/BL(7)	Asparagi	Frutto	0.02
SQ661-P/PM(1A)	Fico	Polpa	0.03
SQ661-P/PM(1B)	Fico	Foglie	0.07
SQ661-P/PM(1C)	Fico	Buccia	0.03
SQ661-P/PM(2A)	Arancio	Polpa	0.03
SQ661-P/PM(2B)	Arancio	Buccia	0.03
SQ661-P/PM(2C)	Arancio	Foglie	0.05
SQ661-P/PM(3A)	Arancio	Polpa	0.03
SQ661-P/PM(3B)	Arancio	Buccia	0.03
SQ661-P/PM(3C)	Arancio	Foglie	0.06
SQ667-P/PM(A)	Mandorle	Guscio	0.04
SQ667-P/PM(B)	Mandorle	Seme	0.02