

Intra-day	0.008	0.008	100	1	0.008	100	4	0.008	100	4
	0.128	0.127	99	2	0.124	97	8	0.122	95	7
	1.024	1.022	99	2	1.020	99	8	1.018	99	8
Inter-day	0.008	0.008	100	3	0.008	100	1	0.008	100	2
	0.128	0.127	99	2	0.120	94	6	0.118	92	8
	1.024	1.022	99	4	1.018	99	2	1.017	99	3
CBDA										
Intra-day	0.400	0.390	98	4	0.370	96	8	0.415	101	3
	6.400	6.380	99	2	6.380	101	1	6.420	101	2
	51.200	51.180	99	3	51.150	99	4	51.115	101	5
Inter-day	0.400	0.370	96	6	0.360	95	5	0.390	99	2
	6.400	6.370	99	4	6.340	99	3	6.390	99	3
	51.200	51.150	99	2	51.100	98	4	51.190	99	3
CBNA										
Intra-day	0.002	0.002	100	2	0.002	100	2	0.002	100	3
	0.032	0.032	100	2	0.30	94	6	0.30	94	8
	0.256	0.256	100	1	0.250	98	4	0.249	97	3
Inter-day	0.002	0.002	100	3	0.002	100	2	0.002	100	2
	0.032	0.031	97	7	0.029	96	4	0.028	93	7
	0.256	0.253	98	5	0.0248	96	8	0.245	95	6
CBGA										
Intra-day	0.020	0.020	100	2	0.020	100	2	0.022	100	3
	0.320	0.320	100	3	0.323	101	1	0.330	103	2
	2.560	2.560	100	3	2.450	96	4	2.560	100	2
Inter-day	0.020	0.020	100	4	0.019	95	7	0.018	90	10
	0.320	0.310	97	6	0.300	94	6	0.315	98	5
	2.560	2.540	99	4	2.400	94	5	2.500	98	7
Δ ⁹ -THCA-A										
Intra-day	0.080	0.080	100	1	0.078	98	3	0.076	96	5
	1.280	1.260	98	2	1.250	97	3	1.270	99	4
	10.240	10.200	99	3	10.150	99	3	10.210	99	2
Inter-day	0.080	0.080	100	1	0.075	94	8	0.073	91	10
	1.280	1.260	98	2	1.230	96	6	1.235	96	5
	10.240	10.190	99	1	10.035	98	4	10.125	99	2
CBCA										
Intra-day	0.080	0.080	100	1	0.078	98	4	0.079	99	3
	1.280	1.270	99	2	1.260	98	4	1.290	101	5
	10.240	10.220	99	2	10.200	99	3	10.180	99	2
Inter-day	0.080	0.080	100	1	0.075	94	7	0.077	96	4
	1.280	1.270	99	3	1.240	97	5	1.250	98	5
	10.240	10.180	99	3	10.175	99	2	10.140	99	2
CBLA										
Intra-day	0.020	0.020	100	2	0.019	95	8	0.019	95	5
	0.320	0.320	100	2	0.318	99	3	0.316	98	3
	2.560	2.560	100	2	2.550	99	3	2.545	99	4
Inter-day	0.020	0.020	100	3	0.018	90	10	0.017	85	5
	0.320	0.320	100	4	0.316	98	4	0.315	98	6
	2.560	2.550	99	5	2.500	97	5	2.458	96	4
CBDVA										
Intra-day	0.020	0.020	100	2	0.020	100	2	0.020	100	2
	0.320	0.320	100	1	0.316	98	4	0.320	100	4
	2.560	2.560	100	3	2.560	100	2	2.560	100	1
Inter-day	0.020	0.020	100	1	0.018	90	10	0.018	90	8
	0.320	0.310	97	5	0.310	96	8	0.311	97	5
	2.560	2.540	99	6	2.457	96	4	2.320	91	4
Δ ⁹ -THCVA										
Intra-day	0.020	0.020	100	1	0.018	90	7	0.018	90	8
	0.320	0.320	100	2	0.316	98	4	0.318	99	4
	2.560	2.560	100	1	2.456	96	2	2.564	101	2
Inter-day	0.020	0.020	100	2	0.016	80	8	0.016	80	8
	0.320	0.320	100	1	0.312	97	5	0.299	93	7
	2.560	2.550	99	4	2.412	94	4	2.218	87	6

¹Method and ²precision recovery values (expressed as % RSD) obtained by enriching each matrix (inflorescences, leaves, CRM) at three different levels for each compound. Recovery was determined based on the equation: % R = [(C_f-C_u)*100]/C_a, where C_a is the calculated (not analyzed) concentration of analyte added to the test sample; C_f is the concentration of fortified samples; C_u is the concentration for unfortified samples.

Table S2. Results obtained, average values and z-score for dried hemp proficiency tests (HFL2301)

Compound	Results (mg kg ⁻¹)	Average value (mg kg ⁻¹)	z-score
CBD	26,970	33,216	-1.5
CBDa	33,010	42,680	-1.4
CBG	4,520	4,930	-0.6
CBGA	27,520	43,280	-2.1
Δ ⁹ -THC	2,070	2,120	-0.2
Δ ⁹ -THCA-A	550	640	-1.0
Δ ⁸ -THC	1.6	4	-0.5
Δ ⁹ -THCV	40	70	-0.3
Δ ⁹ -THCVA	370	-	-
CBDV	730	970	-0.5
CBDVA	2,060	2,170	-0.4
CBN	200	200	-0.1
CBNA	40	-	-
CBC	3,610	3,254	0.8
CBCA	680	3,060	-1.5
CBL	120	-	-
CBLA	116	-	-

Table S3. Results obtained, average values and z-score for dried hemp proficiency tests (HFL2305)

Compound	Results (mg kg ⁻¹)	Average value (mg kg ⁻¹)	z-score
CBD	1,981	1,861	0.5
CBDa	4,080	3,480	1.2
CBG	9,350	10,400	-0.8
CBGA	50,800	77,380	-
Δ ⁹ -THC	720	630	0.8
Δ ⁹ -THCA-A	270	220	0.4
Δ ⁸ -THC	0	0	-
Δ ⁹ -THCV	60	90	-0.3
Δ ⁹ -THCVA	80	-	-
CBDV	310	280	0.2
CBDVA	1100	1260	-1.0
CBN	130	110	0.4
CBNA	1850	-	-

CBC	2240	2381	-0.6
CBCA	1180	1370	-1.0
CBL	20	-	-
CBLA	21	-	-

Table S4. The content of 17 cannabinoids for each hemp tea sample [mg kg⁻¹].

Sam ple	CBC	CBDV	CBG	CBL	CBN	CBNA	Δ^8 - THC	Δ^9 -THC	Δ^9 - THCV	CBDVA	CBD	CBGA	Δ^9 - THCVA	CBLA	CBCA	Δ^9 -THCA- A	CBDA
1	262.5 ^l ±16.9	35.4 ^{ijk} ±6.4	155.3 ^{efghi} ±17.8	38.0 ^a ±7.9	80.0 ⁿ ±1.0	19.7 ^{hij} ±2.0	4.9 ^{bcdef} ±0.8	122.6 ^{cdef} ±14.0	0.9 ^{abc} ±0.1	95.1 ^{bcd} ±11.8	5,299 ^{lmn} ±21.1	240.4 ^{ab} ±16.3	8.8 ^{bcde} ±1.3	40.2 ^{bcde} ±3.2	115.0 ^{ghijk} ±17.5	284.7 ^{bcde} ±8.1	8,877 ^{ghijkl} ±660
2	196.1 ^{ghi} ±7.9	28.6 ^{efghi} ±2.8	234.8 ^k ±21.3	14.8 ^{ijk} ±1.6	30.5 ^{hij} ±2.8	17.3 ^{fghi} ±2.3	7.6 ^{fg} ±0.2	223.7 ^{jk} ±14.1	1.9 ^{abcdefg} ±0.2	80.0 ^{bcd} ±3.5	4,880 ^{klmn} ±749	716.5 ^{abcde} ±110.6	7.9 ^{abcd} ±1.1	65.5 ^{efghi} ±10.6	122.2 ^{hijk} ±4.6	331.6 ^{cdefgh} ±38.10	6,810 ^{defghijk} ±1,127
3	203.3 ^{ijk} ±15.8	14.0 ^{bc} ±1.5	232.5 ^m ±19.9	10.6 ^{cdefghij} ±1.9	13.3 ^{bcd} ±0.9	2.0 ^a ±0.4	<LOD ^a	49.3 ^{ab} ±4.2	0.5 ^a ±0.1	12.7 ^a ±1.2	1,535 ^{abcde} ±205	3,646 ⁱ ±671	4.5 ^a ±1.4	10.0 ^a ±1.1	32.5 ^{ab} ±4.4	58.30 ^a ±5.7	1,904 ^{ab} ±292
4	240.0 ^{kl} ±15.1	26.3 ^{efgh} ±2.9	416.5 ^k ±32.5	10.3 ^{bcd} ±0.2	10.0 ^{abc} ±0.2	8.0 ^{bc} ±0.5	3.9 ^{bcd} ±0.1	188.7 ^{hij} ±5.0	2.4 ^{defgh} ±0.1	100.0 ^{defgh} ±4.0	2,391 ^{bcd} ±345	1,797 ^g ±283	13.3 ^{ghij} ±1.9	70.7 ^{fghi} ±5.0	94.7 ^{efghi} ±.2	374.8 ^{cdefghi} ±20.3	7,534 ^{defghij} ±269
5	241.3 ^{kl} ±12.5	57.6 ^l ±4.4	96.7 ^{bcdef} ±6.7	11.8 ^{efghij} ±1.0	87.3 ^a ±7.9	22.0 ^{jklm} ±1.6	<LOD ^a	616.8 ^a ±3.2	23.8 ^a ±1.1	144.7 ^{ij} ±17.9	4,428 ^{ijkl} ±27.9	218.7 ^{ab} ±19.3	26.0 ^l ±2.3	7.7 ^a ±0.2	49.1 ^{abcd} ±.5	419.7 ^{ghij} ±30.2	9,070 ^{hijkl} ±1,262
6	126.0 ^{bcde} ±14.1	20.7 ^{cdef} ±1.7	210.9 ^{hi} ±25.7	10.5 ^{bcd} ±0.2	20.7 ^{efg} ±1.2	12.0 ^{cdefg} ±1.5	5.1 ^{bcdef} ±0.6	160.8 ^{ghi} ±9.5	2.0 ^{bcd} ±0.4	62.7 ^{bcd} ±5.2	2,663 ^{cdefgh} ±312	1,155 ^{defg} ±72	6.7 ^{abcd} ±1.4	48.0 ^{cdef} ±3.0	84.0 ^{defg} ±5.1	292.9 ^{bcdef} ±6.9	9,436 ^{ijkl} ±2,724
7	190.7 ^{efgh} ±25.1	24.1 ^{defgh} ±1.8	203.6 ^{ghi} ±16.5	10.2 ^{bcd} ±1.5	31.3 ^{hijk} ±3.7	28.7 ^{mno} ±3.1	5.0 ^{bcdef} ±1.9	183.3 ^{ghi} ±15.5	1.6 ^{abcde} ±0.2	88.0 ^{cdef} ±1.8	4,516 ^{kl} ±109	890.0 ^{bcd} ±69.2	12.7 ^{defghij} ±1.5	124.0 ^k ±10.6	129.9 ^{ijk} ±1.3	616.7 ^m ±34.9	10,457 ^{kl} ±1,071
8	145.3 ^{defg} ±14.9	26.1 ^{efgh} ±2.6	164.3 ^{fghi} ±32.8	12.5 ^{fghij} ±1.0	28.0 ^{hij} ±3.4	22.7 ^{ijkl} ±1.8	<LOD ^a	229.4 ^{ijkl} ±1.6	2.0 ^{bcd} ±0.2	83.3 ^{cdef} ±7.7	3,622 ^{fghijkl} ±44	386.7 ^{abc} ±14.8	10.0 ^{cdef} ±0.7	90.7 ^{ghij} ±7.8	133.5 ^{jk} ±2.0	480.0 ^{ijkl} ±29.1	8,024 ^{defghijk} ±946
9	216.7 ^{ijk} ±5.7	30.1 ^{ghij} ±4.0	299.1 ^j ±32.8	15.1 ^{jk} ±2.1	35.3 ^{jk} ±2.2	27.3 ^{klmn} ±1.4	<LOD ^a	250.0 ^{kl} ±9.8	2.7 ^{defgh} ±0.1	110.7 ^{efghi} ±12.1	5,004 ^{klmn} ±11	1,592 ^{fg} ±8	10.7 ^{defgh} ±1.0	104.0 ^{hij} ±13.1	204.0 ^l ±20.0	532.0 ^{ijklm} ±6.1	9,746 ^{ijkl} ±1,195
10	112.7 ^{bc} ±9.5	15.0 ^{bc} ±2.0	132.9 ^{defgh} ±15.6	11.7 ^{defghij} ±0.3	16.7 ^{cde} ±1.6	21.5 ^{ijk} ±3.0	<LOD ^a	148.7 ^{defg} ±10.0	1.7 ^{abcde} ±0.1	91.3 ^{cdef} ±8.3	2,225 ^{bcd} ±133	1,292 ^{efg} ±35.8	14.7 ^{fghij} ±1.7	105.3 ^{hij} ±15.3	144.7 ^k ±5.8	534.0 ^{ijklm} ±3.4	5,809 ^{defgh} ±1,113
11	257.3 ^{kl} ±31.6	20.0 ^{cdef} ±3.9	109.6 ^{cdef} ±9.8	11.5 ^{defghij} ±2.0	28.2 ^{hijk} ±0.6	19.3 ^{ghij} ±1.5	6.6 ^{defg} ±1.8	171.3 ^{fgh} ±20.6	1.5 ^{abcde} ±0.2	68.0 ^{bcd} ±1.1	3,873 ^{ghijkl} ±415	224.3 ^{ab} ±86.1	10.7 ^{cdefg} ±1.3	110.7 ^{ijk} ±19.0	148.0 ^k ±11.5	617.3 ^m ±41.6	8,188 ^{efghijkl} ±1,466
12	155.3 ^{efg} ±20.0	15.0 ^{bcd} ±3.4	121.5 ^{cdefg} ±17.4	11.6 ^{defghij} ±1.0	26.0 ^{fghi} ±2.8	10.7 ^{cde} ±1.0	5.0 ^{bcdef} ±0.6	92.7 ^{cde} ±6.0	0.8 ^{abc} ±0.2	43.3 ^{ab} ±8.4	2,686 ^{cdefghi} ±314	108.4 ^a ±14.8	5.3 ^{ab} ±0.9	61.3 ^{cdefg} ±8.0	90.7 ^{efghi} ±5.5	404.0 ^{fghi} ±38.2	5,036 ^{bcde} ±254
13	150.7 ^{cdef} ±10.5	18.3 ^{cde} ±0.2	111.7 ^{cdef} ±61.5	6.8 ^{abcde} ±1.4	23.2 ^{efgh} ±3.0	9.9 ^{cd} ±1.2	2.6 ^b ±0.7	87.3 ^{bc} ±10.2	0.7 ^{ab} ±0.1	47.3 ^{abc} ±8.4	3,016 ^{efghi} ±52	133.2 ^a ±14.4	6.0 ^{ab} ±0.4	54.7 ^{cdef} ±10.2	86.2 ^{efgh} ±6.6	398.0 ^{efghi} ±20.0	4,793 ^{bcde} ±815
14	289.7 ^l ±5.8	13.2 ^{bc} ±1.0	404.5 ^k ±39.9	11.9 ^{efghij} ±0.6	13.3 ^{bcd} ±2.9	14.8 ^{efghi} ±1.9	3.4 ^{bc} ±0.5	119.2 ^{cdef} ±6.4	0.9 ^{abc} ±0.1	80.0 ^{bcd} ±8.0	2,669 ^{cdefghi} ±512.8	3,060 ^{hi} ±18.7	20.0 ^k ±2.6	107.9 ^{jk} ±15.9	216.4 ^l ±4.4	948.7 ⁿ ±83.6	8,046 ^{defghijk} ±1,015
15	160.5 ^{def} ±13.8	15.7 ^{bcd} ±1.1	135.1 ^{defgh} ±3.7	8.3 ^{abcde} ±0.9	21.7 ^{efg} ±1.5	11.3 ^{cdef} ±0.8	5.0 ^{bcde} ±0.2	106.8 ^{cd} ±6.4	0.6 ^a ±0.2	50.0 ^{abc} ±8.5	2,710 ^{defgh} ±2.6	265.2 ^{ab} ±40.1	5.8 ^{abc} ±0.4	59.1 ^{defg} ±4.4	92.1 ^{ghij} ±9.9	440.1 ^{hijk} ±22.3	5,329 ^{cdefg} ±809
16	211.8 ^{hij} ±7.5	8.1 ^a ±0.6	404.8 ^k ±15.2	5.9 ^{abcd} ±0.2	7.3 ^{ab} ±0.3	10.0 ^{cde} ±1.4	3.2 ^b ±0.7	84.9 ^{bc} ±6.7	0.8 ^{abc} ±0.2	58.7 ^{bcd} ±8.0	1,835 ^{abcde} ±238.8	2,679 ^h ±692	14.8 ^{jk} ±2.5	94.9 ^{ij} ±4.6	110.3 ^{ghijk} ±9.8	634.7 ^m ±28.7	6,090 ^{defghi} ±476
17	102.3 ^b ±2.7	4.0 ^a ±0.2	2,032 ^l ±93	4.7 ^{ab} ±0.1	4.3 ^a ±0.1	3.9 ^{ab} ±0.2	<LOD ^a	21.4 ^a ±1.2	0.5 ^a ±0.1	14.7 ^a ±1.2	308.0 ^a ±14.8	2,730 ^h ±247.6	6.5 ^{ab} ±0.1	12.7 ^{ab} ±2.6	16.7 ^a ±2.1	196.0 ^b ±10.6	501.2 ^a ±83.8
18	54.8 ^a ±4.0	21.3 ^{cdefg} ±1.5	21.6 ^{ab} ±3.2	9.1 ^{abcde} ±0.3	46.6 ^l ±2.1	32.4 ^{no} ±0.7	4.3 ^{bcde} ±0.6	148.9 ^{efg} ±4.2	5.2 ^k ±0.5	89.3 ^{cdef} ±14.5	1,016.7 ^{abcd} ±88.2	104.1 ^a ±36.1	17.1 ^{hij} ±0.2	31.3 ^{abcd} ±8.2	47.3 ^{abcd} ±.7	285.3 ^{bcde} ±4.8	2,173 ^{abc} ±326.2
19	255.6 ^{kl} ±9.9	32.6 ^{hij} ±0.2	76.5 ^{abcde} ±2.7	23.7 ^{lm} ±0.5	39.5 ^{kl} ±0.6	21.9 ^{jklmn} ±0.8	6.1 ^{cdefg} ±1.0	178.8 ^{ghi} ±10.2	19.3 ^m ±1.2	92.0 ^{cdef} ±4.0	4,586 ^{ijklm} ±590	107.0 ^a ±12.6	8.3 ^{bcde} ±0.5	58.7 ^{defg} ±3.5	149.2 ^k ±6.1	371.3 ^{cdefghi} ±22.0	6,671 ^{defghij} ±724
20	38.2 ^a ±1.7	14.6 ^{bc} ±1.3	8.1 ^a ±0.6	3.4 ^a ±0.2	33.5 ^{ijk} ±1.4	27.8 ^{lmn} ±1.4	3.2 ^b ±0.2	93.5 ^{bc} ±3.1	3.6 ^{hij} ±0.2	71.3 ^{bcd} ±2.3	707.8 ^{ab} ±60.9	26.9 ^a ±4.2	13.1 ^{efghij} ±0.1	26.6 ^{abc} ±5.4	33.2 ^{abc} ±2.8	262.7 ^{bc} ±28.9	1,594 ^{ab} ±244
21	46.3 ^a ±1.7	17.6 ^{cde} ±1.4	9.7 ^a ±0.9	4.9 ^{abc} ±0.5	46.5 ^l ±0.5	39.3 ^p ±2.7	2.5 ^b ±0.3	119.4 ^{cde} ±3.1	4.3 ^{jk} ±0.1	93.3 ^{cdefg} ±1.0	911.5 ^{abc} ±81.0	33.3 ^a ±8.4	17.9 ^{ijk} ±1.3	33.1 ^{abcd} ±8.5	46.1 ^{abcd} ±.9	292.7 ^{bcdef} ±8.5	2,055 ^{abc} ±200
22	314.0 ^m ±28.1	37.4 ^{ijk} ±1.9	131.3 ^{defgh} ±3.1	19.5 ^{kl} ±0.2	55.5 ^m ±3.3	28.9 ^{op} ±0.9	8.5 ^a ±2.4	224.5 ^{jk} ±10.3	2.1 ^{cdefg} ±0.2	139.3 ^{hij} ±4.3	6,359 ^{mn} ±276	246.4 ^{ab} ±36.9	12.1 ^{efghij} ±1.5	86.7 ^{ijk} ±5.6	188.5 ^l ±10.6	572.0 ^{lm} ±10.6	6,736 ^{defghij} ±708
23	169.9 ^{efgh} ±4.4	21.3 ^{cdefg} ±1.2	43.8 ^{abc} ±0.7	12.7 ^{ghij} ±1.5	19.3 ^{def} ±0.9	10.1 ^{cde} ±0.6	<LOD ^a	140.7 ^{defg} ±7.9	1.1 ^{abcd} ±0.1	84.0 ^{bcd} ±1.1	3,968 ^{hijkl} ±421	37.7 ^a ±6.2	3.5 ^a ±0.1	32.1 ^{abcd} ±0.8	69.3 ^{cdef} ±5.5	283.3 ^{bcd} ±28.7	4,509 ^{bcd} ±591
24	283.7 ^{lm} ±3.3	41.6 ^k ±2.4	62.1 ^{abcd} ±0.6	26.8 ^m ±1.1	24.6 ^{efgh} ±1.2	15.1 ^{defgh} ±1.9	6.9 ^{efg} ±0.8	278.2 ^{lm} ±3.9	2.6 ^{efgh} ±0.2	106.0 ^{cdefg} ±13.3	6,542 ⁿ ±185	39.3 ^a ±4.0	5.0 ^{ab} ±0.8	41.6 ^{cde} ±0.2	136.5 ^{jk} ±6.1	312.7 ^{cdefg} ±9.9	5,886 ^{defghi} ±789
25	117.7 ^{bcd} ±10.1	21.0 ^{cdef} ±1.2	126.2 ^{cdefg} ±6.7	7.9 ^{abcde} ±0.6	6.9 ^{ab} ±0.2	11.9 ^{cdefg} ±0.8	<LOD ^a	139.8 ^{cdefg} ±5.1	1.1 ^{abcd} ±0.1	133.3 ^{ghij} ±22.9	2,164 ^{bcd} ±93	1,088 ^{cdefg} ±146	14.3 ^{ij} ±0.3	74.1 ^{fghi} ±1.4	141.9 ^{ijk} ±5.4	553.3 ^{klm} ±52.6	8,500 ^{fghijkl} ±178

26	134.4 ^{bcd} ± 3.1	31.3 ^{hij} ±1 .8	124.3 ^{cdefg} ± 7.9	6.7 ^{abcd} ±1.5	10.9 ^{abc} ± 0.3	13.5 ^{cdefg} ±0.5	3.6 ^{bc} ±0. 2	177.1 ^{ghi} ± 0.3	1.7 ^{abcdefg} ±0.1	164.0 ^l ±10. 6	2,860 ^{efghij} ± 502	540.7 ^{abcde} ± 33.1	14.0 ^{fghij} ± 0.7	60.9 ^{defg} ± 3.9	138.9 ^{jk} ±9. 6	430.7 ^{hij} ±22. 5	7.370 ^{defghijk} ± 1,063
27	157.5 ^{defg} ± 5.6	15.9 ^{bcd} ± 0.8	137.6 ^{defgh} ± 1.7	8.4 ^{abcdefgh} ± 1.3	11.6 ^{abcd} ±0.6	15.3 ^{defgh} ±1.3	4.2 ^{bcd} ± 0.5	159.6 ^{fgh} ± 8.3	2.9 ^{fghi} ±0. 3	113.3 ^{fghi} ± 5.9	2,219 ^{bcdefgh} ± 417	486.0 ^{abcd} ±3 8.2	14.8 ^{ghij} ± 1.6	92.6 ^{hij} ±7. 5	125.2 ^{ijk} ±4 .5	572.7 ^{lm} ±44. 3	9,071 ^{hijkl} ±64 2
28	186.5 ^{fghi} ± 14.7	38.7 ^{jk} ±3. 8	76.9 ^{abcde} ±5 .2	8.0 ^{abcdefgh} ± 1.4	11.6 ^{abcd} ±0.4	10.7 ^{cde} ± 1.6	<LOD ^a	206.3 ^{ij} ±9. 7	4.1 ^{ijk} ±0. 1	216.3 ^k ±17 .4	3,494 ^{fghijk} ± 361	228.7 ^{ab} ±47. 3	25.1 ^l ±4. 3	81.5 ^{ghij} ± 7.2	105.6 ^{fghij} ± 7.4	545.3 ^{klm} ±26 .4	8,936 ^{hijkl} ±62 7
29	44.3 ^a ±7.0 1	87.5 ^m ±5. 8	58.9 ^{abcd} ±1. 8	7.4 ^{abcdefg} ± 1.3	32.9 ^{ijk} ± 0.8	17.1 ^{fghi} ± 0.6	<LOD ^a	347.3 ^a ±2 7.8	13.3 ^l ±0. 7	280.0 ^l ±29. 3	2,812 ^{defghij} ± 224	132.0 ^a ±4.0 7	39.4 ^m ±0. 7	50.0 ^{cdef} ± 3.6	65.0 ^{bcd} ±2 .9	384.7 ^{defghi} ± 13.6	5,301 ^{cdef} ±1,1 52
30	111.7 ^{bc} ±1 4.8	42.3 ^k ±3. 9	167.1 ^{fghi} ± 2.4	13.7 ^{hij} ±1.2	33.9 ^{ijk} ± 1.6	22.1 ^{ijkl} ± 0.6	4.7 ^{bcd} ± 0.5	295.6 ^m ±1 0.5	3.0 ^{ghij} ±0. 2	117.0 ^{fghi} ± 14.7	6,448 ⁿ ± 1,825	189.3 ^{ab} ±24. 2	11.4 ^{defghi} ±0.4	73.8 ^{fghi} ± 4.7	125.9 ^{ijk} ±2 2.2	470.0 ^{ijkl} ±15 .1	11,692 ^l ±1,4 43

^{a-o} – values within columns followed by the same letter are not significantly different according for $\alpha = 0.01$