Table S1: Number of analyzed microorganisms via MALDI-ToF MS. In cases of triplicates, the average of analyzed microorganisms, as well as the standard deviation, is given

After treatment		[A] Washing with water and pre-bath (180 s)	[B] Washing with PTW in pre-rinsing (10 s)	[C] Washing with PTW in pre-rinsing (30 s)	[D] Washing with PTW in pre-bath (180 s)	[E] Washing with PTW in second wash (180 s)	[F] Washing with PTW in pre-bath (180 s) in pre- rinsing (30 s) and in second wash (180 s)
[1] Endive raw material	Not identified	22.0 ± 2.0	20	18	19.7 ± 6.7	18	18
	identified	13.33 ± 6.0	3	12	5.7 ± 5.7	14	5
[2] Endive after pre-bath	Not identified	6.3 ± 4.0	n.d.	n.d.	16.0 ± 4.0	n.d.	8
	identified	29.0 ± 3.6			10.3 ± 5.1		2
[3] Endive after pre-rinsing	Not identified	13.3 ± 4.6	22	10	8.3 ± 4.7	16	17
	identified	3.0 ± 2.0	3	4	12.7 ± 2.5	4	1
[4] Endive after first wash	Not identified	19.8 ± 7.4	n.d.	n.d.	15.0 ± 7.9	12	14
	identified	5.0 ± 2.0			8.7 ± 2.1	0	0
[5] Endive after second wash	Not identified	35.0 ± 5.6	n.d.	n.d.	22.0 ± 3.0	21	39
	identified	9.0 ± 5.3			4.7 ± 3.5	1	0
[6] Endive after final rinsing	Not identified	22.3 ±9.3	12	15	20 ± 2.7	32	17
	identified	5.7 ± 1.5	1	1	1.3 ± 1.5	2	1
After storage		[A] Washing	[B] Washing	[C] Washing		[E] Washing	[F] Washing with
After sto	rage	with water and pre-bath (180 s)	with PTW in pre-rinsing (10 s)	with PTW in pre-rinsing (30 s)	[D] Washing with PTW in pre-bath (180 s)	with PTW in second wash (180 s)	PTW in pre-bath (180 s) in pre- rinsing (30 s) and in second wash (180 s)
[1] Endive raw	Not identified	with water and pre-bath	with PTW in pre-rinsing	with PTW in pre-rinsing	PTW in pre-bath	with PTW in second wash	(180 s) in pre- rinsing (30 s) and in
	Not	with water and pre-bath (180 s)	with PTW in pre-rinsing (10 s)	with PTW in pre-rinsing (30 s)	PTW in pre-bath (180 s)	with PTW in second wash (180 s)	(180 s) in pre- rinsing (30 s) and in second wash (180 s)
[1] Endive raw material	Not identified	with water and pre-bath (180 s)	with PTW in pre-rinsing (10 s)	with PTW in pre-rinsing (30 s)	PTW in pre-bath (180 s)	with PTW in second wash (180 s)	(180 s) in pre- rinsing (30 s) and in second wash (180 s)
[1] Endive raw material	Not identified identified Not	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1	with PTW in pre-rinsing (10 s)	with PTW in pre-rinsing (30 s)	PTW in pre-bath (180 s) 11 0	with PTW in second wash (180 s)	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10
[1] Endive raw material [2] Endive after pre-bath [3] Endive after	Not identified identified Not identified	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ± 0.6	with PTW in pre-rinsing (10 s)	with PTW in pre-rinsing (30 s)	PTW in pre-bath (180 s) 11 0 16	with PTW in second wash (180 s)	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14
[1] Endive raw material [2] Endive after pre-bath	Not identified identified Not identified Not	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ± 0.6 14.0 ± 7.0	with PTW in pre-rinsing (10 s) 12 12 n.d.	with PTW in pre-rinsing (30 s) 8 7 n.d.	PTW in pre-bath (180 s) 11 0 16 0	with PTW in second wash (180 s)	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14 7
[1] Endive raw material [2] Endive after pre-bath [3] Endive after pre-rinsing	Not identified identified Not identified identified	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ±0.6 14.0 ± 7.0 12.0 ± 5.0	with PTW in pre-rinsing (10 s) 12 12 n.d.	with PTW in pre-rinsing (30 s) 8 7 n.d.	PTW in pre-bath (180 s) 11 0 16 0 26	with PTW in second wash (180 s) 14 11 n.d.	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14 7 5
[1] Endive raw material [2] Endive after pre-bath [3] Endive after pre-rinsing	Not identified identified Not identified Not identified identified identified Not	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ± 0.6 14.0 ± 7.0 12.0 ± 5.0 7.3 ± 3.8	with PTW in pre-rinsing (10 s) 12 12 n.d. 6 12	with PTW in pre-rinsing (30 s) 8 7 n.d.	PTW in pre-bath (180 s) 11 0 16 0 26 3	with PTW in second wash (180 s) 14 11 n.d. 9	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14 7 5 14
[1] Endive raw material [2] Endive after pre-bath [3] Endive after pre-rinsing [4] Endive after first wash	Not identified Not identified Not identified identified Not identified Not identified identified identified identified identified identified Not identified	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ±0.6 14.0 ± 7.0 12.0 ± 5.0 7.3 ± 3.8 6.7 ± 3.5	with PTW in pre-rinsing (10 s) 12 12 n.d. 6 12	with PTW in pre-rinsing (30 s) 8 7 n.d.	PTW in pre-bath (180 s) 11 0 16 0 26 3 23 0 10	with PTW in second wash (180 s) 14 11 n.d. 9 9 16	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14 7 5 14 11
[1] Endive raw material [2] Endive after pre-bath [3] Endive after pre-rinsing [4] Endive after first wash	Not identified Not identified Not identified Not identified identified identified Not identified Not identified Not identified Not identified Not	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ±0.6 14.0 ± 7.0 12.0 ± 5.0 7.3 ± 3.8 6.7 ± 3.5 5.0 ± 3.5	n.d.	with PTW in pre-rinsing (30 s) 8 7 n.d. 5 4 n.d.	PTW in pre-bath (180 s) 11 0 16 0 26 3 23 0	with PTW in second wash (180 s) 14 11 n.d. 9 9 16	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14 7 5 14 11 10
[1] Endive raw material [2] Endive after pre-bath [3] Endive after pre-rinsing [4] Endive after first wash	Not identified Not identified Not identified identified Not identified Not identified identified identified identified identified identified Not identified	with water and pre-bath (180 s) 9.0 ± 1.7 6.3 ± 6.1 2.3 ± 0.6 14.0 ± 7.0 12.0 ± 5.0 7.3 ± 3.8 6.7 ± 3.5 5.0 ± 3.5 16.0 ± 2.0	n.d.	with PTW in pre-rinsing (30 s) 8 7 n.d. 5 4 n.d.	PTW in pre-bath (180 s) 11 0 16 0 26 3 23 0 10	with PTW in second wash (180 s) 14 11 n.d. 9 9 16	(180 s) in pre- rinsing (30 s) and in second wash (180 s) 10 9 14 7 5 14 11 10 14

n.d.: not determined