

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 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	9.0 ± 1.7	12	8	11	14	10
	identified	6.3 ± 6.1	12	7	0	11	9
[2] Endive after pre-bath	Not identified	2.3 ± 0.6	n.d.	n.d.	16	n.d.	14
	identified	14.0 ± 7.0			0		7
[3] Endive after pre-rinsing	Not identified	12.0 ± 5.0	6	5	26	9	5
	identified	7.3 ± 3.8	12	4	3	9	14
[4] Endive after first wash	Not identified	6.7 ± 3.5	n.d.	n.d.	23	16	11
	identified	5.0 ± 3.5			0	9	10
[5] Endive after second wash	Not identified	16.0 ± 2.0	n.d.	n.d.	10	n.d.	14
	identified	9.3 ± 1.2			0		13
[6] Endive after final rinsing	Not identified	14.7 ± 4.6	15	17	31	26	14
	identified	11.0 ± 2.7	6	4	4	1	5

n.d.: not determined