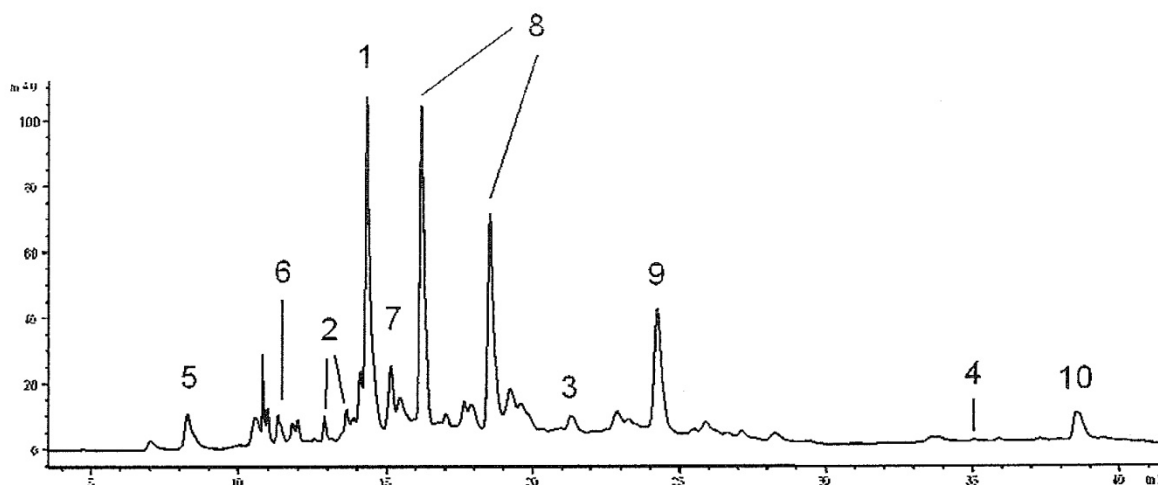
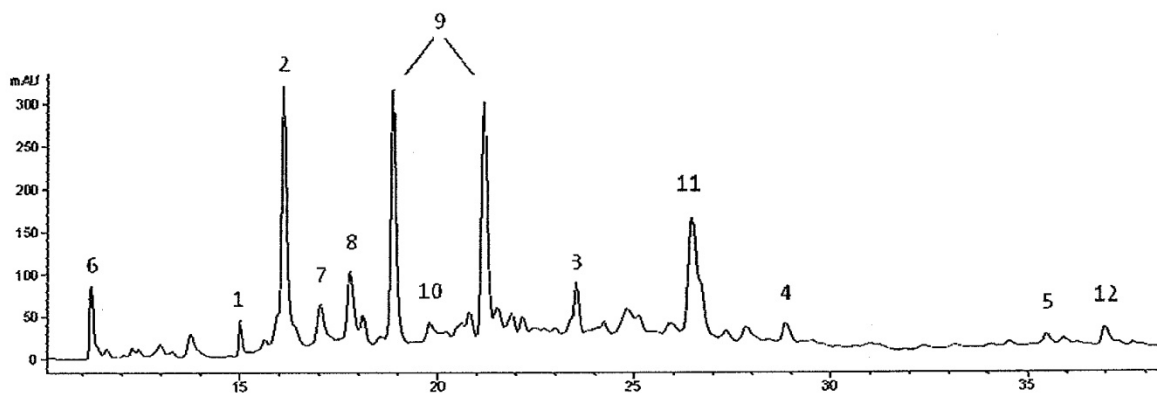


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1. Gallic acid; 2. Monogalloyl glucose; 3. Gallotannin m/z 677; 4. Pentagalloyl glucose; 5. Galloyl-HHDP glucose; 6. HHDP glucose; 7. Ellagitannin m/z 925; 8. Castalagin/vescalagin; 9. Ellagitannin m/z 1,085; 10. Ellagic acid

FIG. 1



1. Monogalloyl glucose; 2. Gallic acid; 3. Digalloyl glucose; 4. Trigalloyl glucose; 5. Tetragalloyl glucose; 6. Pedunculagin isomer; 7. Ellagitannin m/z 683; 8. Ellagitannin m/z 925; 9. Castalagin/vescalagin; 10. Ellagitannin m/z 613; 11. Galloyl-HHDP glucose; 12. Ellagic acid.

FIG. 2

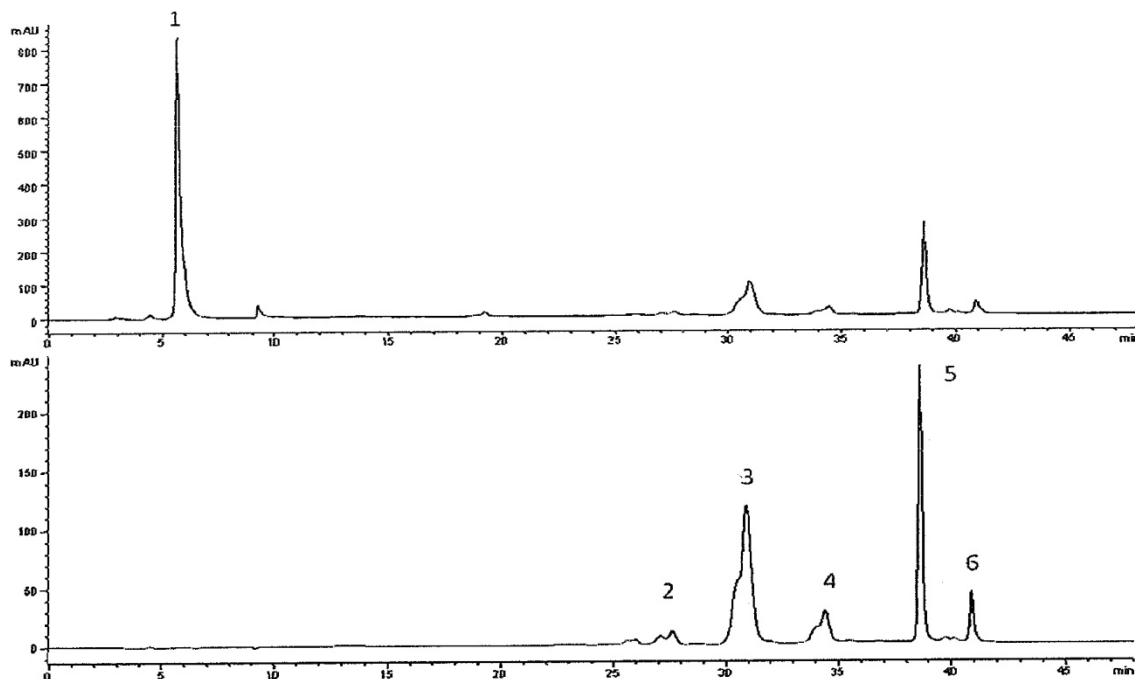
No.	TREATMENTS
CHV01	Reference sample
CHV02	Tannin mixture of fractions 1-8 – 10 g/l
CHV03	Tannin mixture of fractions 1-8 – 100 g/l
CHV04	Tannin mixture of fractions 1-8 – 200 g/l
CHV05	Teavigo – 0,5 g/l
CHV06	Teavigo – 5 g/l
CHV07	Teavigo – 10 g/l

FIG. 3

Determination	Result	m.u.	LOQ	Method
Aminoalcohols				MP/C/727
Diethanolamine	N.A.	mg/kg	0.050	MP/C/727
Triethanolamine	N.A.	mg/kg	0.050	MP/C/727
N,N-Diethanolamine	N.A.	mg/kg	0.050	MP/C/727
N,N-Dimethylethanolamine	N.A.	mg/kg	0.050	MP/C/727
1-methoxy-2-propylamine	N.A.	mg/kg	0.050	MP/C/727
2-amino-2-methyl-1-propanol	N.A.	mg/kg	0.050	MP/C/727
3-methoxypropylamine	N.A.	mg/kg	0.050	MP/C/727
Morpholine	N.A.	mg/kg	0.050	MP/C/727
TSNA	N.A.	mg/kg	0.050	MP/C/727

FIG. 4

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1. nicotine; 2. monocaffeoyl quinic acid I; 3. monocaffeoyl quinic acid II; 4. monocaffeoyl quinic acid III; 5. ramnosyl-glucoside quercetin; 6. ramnosyl-glucoside kaempferol

FIG. 5

(Data in mg/g vegetable material)	CHV01E	CHV02E	CHV03E	CHV04E	CHV05E	CHV06E	CHV07E
monocaffeoyl quinic acid I	0,779	0,745	0,461	0,404	1,027	0,312	0,876
monocaffeoyl quinic acid II	8,203	12,303	9,606	7,580	11,301	7,071	10,399
monocaffeoyl quinic acid III	1,514	2,100	1,514	1,022	2,144	1,079	1,983
ramnosyl-glucoside quercetin	5,029	6,998	5,190	2,844	5,127	2,634	3,862
ramnosyl-glucoside kaempferol	0,592	0,883	0,634	0,337	0,755	0,321	0,501
NICOTINE	32,209	40,623	32,095	27,323	43,848	34,799	43,212
TOTAL	48,326	63,653	49,499	39,512	64,202	46,216	60,834

FIG. 6

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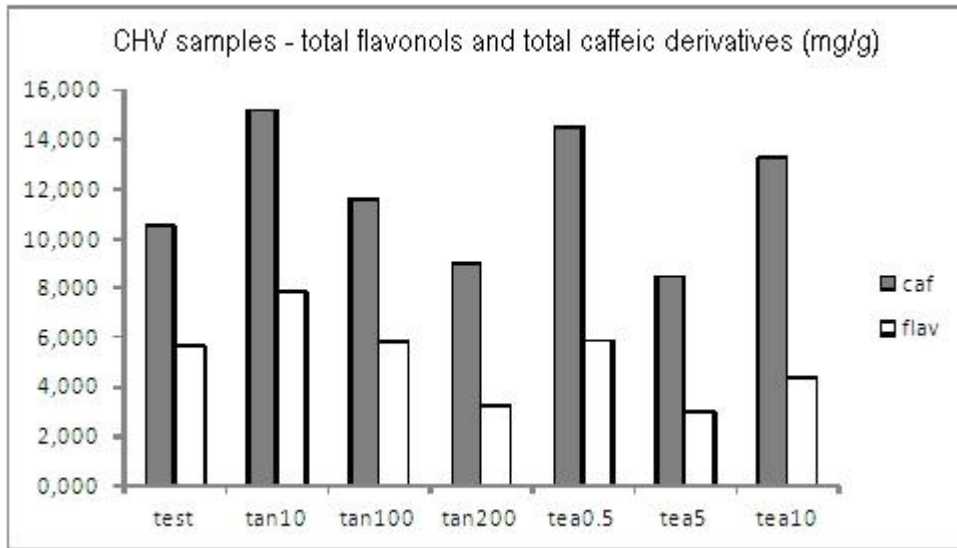


FIG. 7

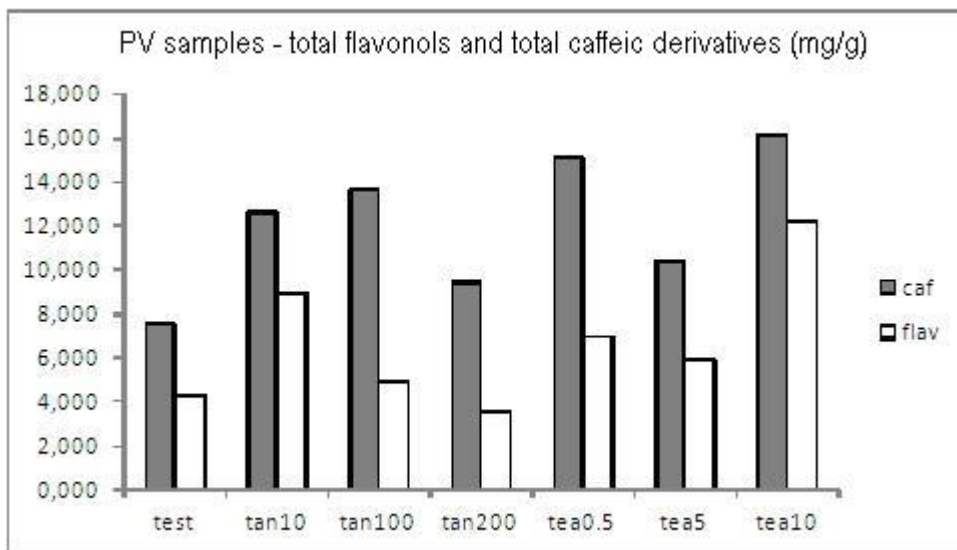


FIG. 8

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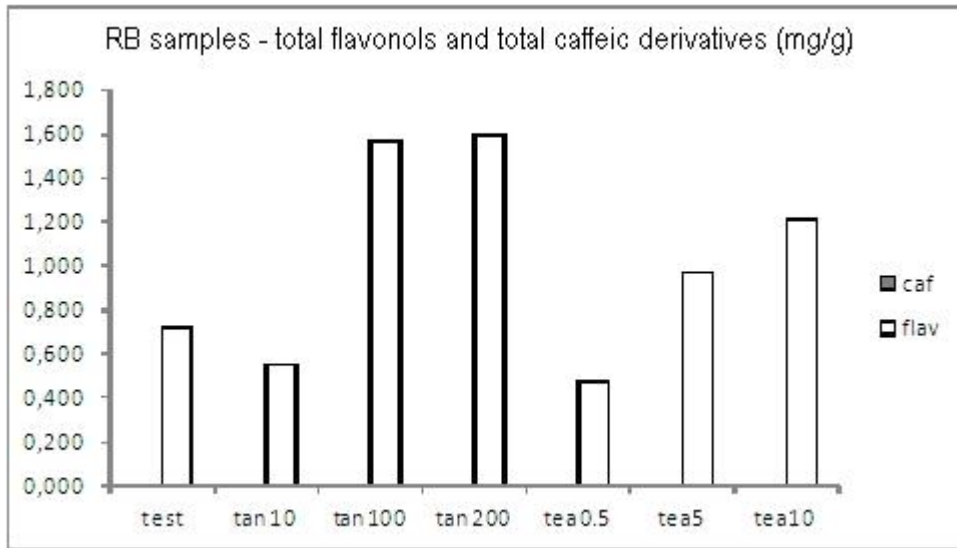


FIG. 9

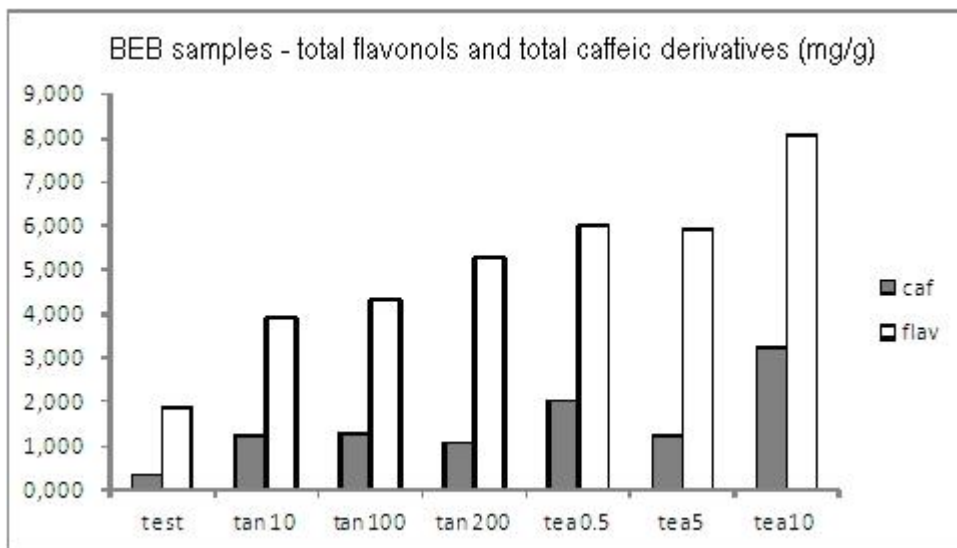


FIG. 10

	<i>TSNA</i> <i>mg/kg</i>
CHV01E	0.8
CHV02E	0.8
CHV03E	0.6
CHV04E	0.7
CHV05E	0.6
CHV06E	0.5
CHV07E	0.5

FIG. 11

	TREATMENTS	<i>TSNA</i> <i>mg/kg</i>
RB08	Reference sample	0.8
RB09	Tannin mixture of fractions 1-8 – 10 g/l	0.8
RB10	Tannin mixture of fractions 1-8 – 100 g/l	0.6
RB11	Tannin mixture of fractions 1-8 – 200 g/l	0.6
RB12	Teavigo - 0,5 g/l	0.6
RB13	Teavigo - 5 g/l	0.5
RB14	Teavigo - 10 g/l	0.5

FIG. 12