

## Supplementary materials

### Tables

**Table S1** – Aromatic compounds identified in the samples' headspace present in the literature.

Compound family	Compound name	Matrix	Reference
Acetate Esters	2-Methyl-1-butanol acetate	Melon Pear	[1] [2]
	Ethyl acetate	Apple Melon Pear	[3,4] [5,6] [7,8]
	Propyl acetate	Melon Pear	[6] [8]
	Butyl acetate	Apple Melon Pear	[9] [1] [7,8]
	Pentyl acetate	Apple Melon Pear	[9] [5] [7]
	Hexyl acetate	Apple Melon Pear	[4,9] [1,6] [8,10]
	2-Hexen-1-ol acetate	Apple Melon Pear	[3] [11] [7,8]
	(Z)- 6-Nonenyl acetate	Melon	[12]
	Nonyl acetate	Melon	[12]
	Non-acetate esters	Hexyl 2-methylbutyrate	Apple Apple
Aldehydes	Hexanal	Melon Pear	[5,6,11,14] [8]
	(E)-2-Hexenal	Apple Melon Pear	[13] [5] [8]
	Heptanal	Melon	[5,11,14]
	(E)-2-Heptenal	Melon	[11]
	Octanal	Melon	[11,14]
	(E)-2-Octenal	Melon	[11]
	(Z)-6-Nonenal	Melon	[11]
	Nonanal	Melon	[5,6,11,14]
	(E)-2-Nonenal	Melon	[11]
	(Z)-6-Nonenal	Melon	[11]
Alcohols	(E,Z)-2,6-Nonadienal	Melon	[11]
	(E,E)-2,4-Nonadienal	Melon	[5,11]
	Decanal	Melon	[5,6,11,14]
	1-Hexanol	Apple Melon Pear	[3,9] [11,14] [8,10]
	2-ethyl-1-hexanol	Melon	[6]
	1-Octanol	Melon Pear	[11] [13]
	1-Octen-3-ol	Melon	[15]
	1-Nonanol	Melon Pear	[11] [8]
	(E)-2-Nonen-1-ol	Melon Pear	[15] [7]
	(Z)-3-Nonen-1-ol	Melon Pear	[5,11] [7]
Terpenes	2,6-Nonadien-1-ol	Melon	[11]
	$\alpha$ -pinene	Apple	[16]
	Limonene	Apple	[3]
	$\alpha$ -farnesene	Apple Pear	[4] [7,10]

**Table S2** – Total soluble solids of unprocessed and high pressure processed fruit salad. The values are expressed as °brix and presented as mean ± standard deviation.

Sampling day	Raw Samples	ANOVA	HPP samples	ANOVA
0	10.80±0.20	A/a	11.07±0.12	A/a
3	10.87±0.42	A/a	10.40±0.20	A/a
7	10.80±0.35	A/a	10.43±1.01	A/a
14	10.20±0.80	A/a	10.93±0.46	A/a
21	10.30±0.17	A/a	10.20±0.53	A/a
28	10.33±0.64	A/a	10.00±1.06	A/a
35	10.73±0.12	A/a	11.27±0.46	A/a

## Figures



**Figure S1** - Picture of samples without ascorbic acid, taken at the 14<sup>th</sup>day of storage. The first three, from left to right, are raw samples, while the other three are HPP samples.



**Figure S2** - Picture of samples with ascorbic acid, taken at the 14<sup>th</sup>day of storage. The first three, from left to right, are raw samples, while the other three are HPP samples.

## References

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