

Table S1

HPLC–MS/MS acquisition parameters (dynamic-MRM mode) used for the analysis of the 38 marker compounds.

No.	Compounds	Precursor ion, <i>m/z</i>	Product ion, <i>m/z</i>	Fragm-entor, V	Collision energy, V	Polarity	Retention time (Rt, min)
1	Gallic acid	169	125.2*	97	12	Negative	6.96
2	Neochlorogenic acid	353	191.2*, 179	82	12, 12	Negative	9.52
3	Delphinidin-3-galactoside	465.01	303*	121	20	Positive	11.36
4	(+)-Catechin	289	245.2*, 109.2	131	8, 20	Negative	11.44
5	Procyanidin B2	576.99	576.99*, 321.2	160	0, 32	Negative	12.41
6	Chlorogenic acid	353	191.2*, 127.5	82	12, 20	Negative	12.42
7	<i>p</i> -Hydroxybenzoic acid	137	93.2*	92	16	Negative	12.86
8	(-)-Epicatechin	289	245.1*, 109.1	126	8, 20	Negative	13.03
9	Cyanidin-3-glucoside	449	287.3*, 255.6	121	20, 20	Positive	13.14
10	Petunidin-3-glucoside	479.01	317*, 302	121	20, 44	Positive	13.26
11	3-Hydroxybenzoic acid	137	93.2*	88	8	Negative	13.59
12	Caffeic acid	179	135.2*, 134.1	92	12, 24	Negative	13.65
13	Vanillic acid	167	152.4*, 108.1	88	12, 20	Negative	14.32
14	Resveratrol	227	185*	60	40	Negative	14.40
15	Pelargonidin-3-glucoside	433.01	271*, 121	116	24, 50	Positive	14.52
16	Pelagonidin-3-rutinoside	579.01	271*	145	32	Positive	14.56
17	Malvidin-3-galactoside	493.01	331*, 315.1	121	20, 50	Positive	14.64
18	Syringic acid	196.9	182.2*, 121.2	93	8, 12	Negative	15.28
19	Procyanidin A2	575	575*, 285	170	0, 20	Negative	16.18
20	<i>p</i> -Coumaric acid	163	119.2*, 93.2	83	12, 36	Negative	16.70
21	Ferulic acid	193	134.2*, 131.6	83	12, 8	Negative	17.10
22	3,5-Dicaffeoylquinic acid	514.9	353.1*, 191	117	8, 28	Negative	17.61
23	Rutin	609	300.2*, 271.2	170	32, 50	Negative	17.73
24	Hyperoside	465.01	303*, 61.1	97	8, 50	Positive	18.33
25	Isoquercitrin	463	271.2*, 300.2	155	44, 24	Negative	18.36
26	Delphinidin-3,5-diglucoside	462.9	300.1*	165	24	Negative	18.38
27	Phloridzin	435.39	273*, 167	155	8, 28	Negative	18.83
28	Quercitrin	446.99	300.2*, 301.2	160	24, 16	Negative	19.61
29	Myricetin	316.99	179.1*, 182	150	16, 24	Negative	19.61
30	Naringin	578.99	271.3*, 151.3	170	32, 44	Negative	19.62
31	Kaempferol-3-glucoside	447	284.2*, 255.2	170	24, 40	Negative	19.77
32	Hesperidin	611.01	303*, 334.8	112	20, 12	Positive	20.19
33	Ellagic acid	301	301*, 229	170	0, 24	Negative	21.41
34	Trans-cinnamic acid	149	131.2*	120	30	Negative	21.44
35	Quercetin	300.99	151.2*, 179.2	145	16, 12	Negative	21.87
36	Phloretin	272.99	167*, 123	116	8, 20	Negative	22.30
37	Kaempferol	287.01	153*, 69.1	60	36, 50	Positive	23.84
38	Isorhamnetin	314.99	300.2*, 196.1	145	16, 4	Negative	24.57

* These product ions were used for quantification.

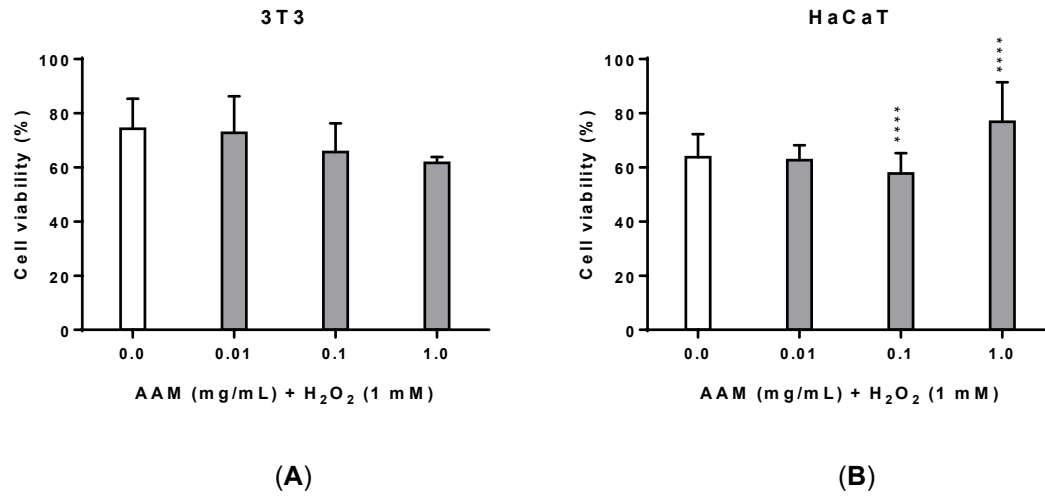


Figure S1. Cytoprotective activity of AAM in 3T3 (A) and HaCaT (B) cell lines for 1 mM H₂O₂ during 2.5 h by MTT assay and expressed as percentage of cell viability respect to untreated cells. H₂O₂ cell viability was used as positive control. Results are expressed as mean \pm standard error of $n = 3$ (3T3) and $n = 3$ (HaCaT). A two-way analysis of variance (ANOVA) and a Bonferroni *post hoc* assay have been performed. Statistical differences were considered as follows: **** $p \leq 0.0001$ comparison with positive control.