

Table S2. The standard curve, validation range and coefficient of determination (r^2) for the non-volatile aroma compounds in tangerine wines.

No	Compounds	Standard curve	r^2	Validation range (mg/L)
Organic acids				
1	Oxalic acid	$y = 5.5678x + 13.608$	0.9982	5-6120
2	Malic acid	$y = 0.7528x - 1.7245$	0.9999	20-1000
3	Vitamin C	$y = 8.5032x - 108.46$	0.9999	25-1000
4	Lactic acid	$y = 0.3335x - 2.2668$	0.9999	25-17000
5	Acetic acid	$y = 0.3943x - 14.812$	0.9998	50-7480
6	Maleic acid	$y = 82.9x + 5.5872$	0.9999	5-100
7	Citric Acid	$y = 0.8067x + 16.424$	0.9999	50-10000
8	Succinic acid	$y = 0.4433x - 1.0015$	0.9999	25-3200
9	Fumaric acid	$y = 112x - 131.65$	0.9980	1-50
Phenolic acids				
10	Protocatechuic acid	$y = 32.7x - 42.145$	0.9999	1.5-200
11	p-Hydroxybenzoic acid	$y = 54.729x - 75.537$	0.9989	0.5-150
12	Chlorogenic acid	$y = 19.026x - 122.05$	0.9985	2.5-250
13	Caffeic acid	$y = 57.802x - 134.69$	0.9997	2-200
14	p-Coumaric acid	$y = 68.565x - 147.67$	0.9997	2-200
15	Ferulic acid	$y = 47.436x - 89.625$	0.9995	0.5-200
16	Sinapic Acid	$y = 36.101x - 140.13$	0.9985	1-250
flavonoids				
17	Eriocitrin	$y = 27.672x - 40.059$	0.9985	1-150
18	Narirutin	$y = 13.859x - 5.4434$	0.9998	1-100
19	Hesperidin	$y = 15.409x + 68.192$	0.9983	1-500
20	Neohesperidin	$y = 18.133x - 26.053$	0.9983	1-107
21	Didymin	$y = 18.994x - 52.254$	0.9903	1-117.5
22	Hesperetin	$y = 18.319x - 15.997$	0.9994	1-100
23	Nobiletin	$y = 38.344x + 2.2137$	0.9991	0.5-170