

1 SUPPLEMENTARY INFORMATION for triplicate isotope analysis of authenticate pineapple juice.

Sample#	Country/Product type	$\delta^2\text{H}\text{‰}$			$\delta^{13}\text{C}\text{‰}$
		TFA Fructose	TFA Glucose	TFA Sucrose	
1	TFA SGF11037-18 Costa Rica/single strength	mean	36.78	7.51	-13.32
		SD	4.94	1.80	0.10
		min	29.61	4.66	-13.43
		max	42.82	9.42	-13.23
		mean peak height(nA)	0.85	4.32	
2	TFA SGF62060-16 Brazil juice concentrate	mean	2.49	24.24	-13.13
		SD	4.45	1.26	0.40
		min	-0.45	22.73	-13.56
		max	4.39	25.57	-12.76
		mean peak height(nA)	0.54	4.31	
3	TFA SGF36322-18 South Africa/juice concentrate	mean	2.70	16.00	-11.29
		SD	1.17	2.79	0.05
		min	1.90	14.33	-11.33
		max	4.39	17.89	-11.25
		mean peak height(nA)	1.25	2.83	
4	TFA SGF28013-18 Thailand/juice concentrate	mean	4.58	10.55	-13.54
		SD	3.18	0.77	0.09
		min	1.46	9.80	-13.62
		max	7.53	11.40	-13.45
		mean peak height(nA)	0.96	3.20	
5	TFA SGF62022-17 Brazil/juice concentrate	mean	-6.51	18.71	-14.28
		SD	2.87	0.58	0.16
		min	-10.01	17.98	-14.45
		max	-3.93	19.19	-14.14
		mean peak height(nA)	0.76	4.32	
6	TFA SGF28005-18 Thailand/juice concentrate	mean	11.17	31.24	-13.67
		SD	4.51	0.84	0.07
		min	4.49	30.35	-13.75
		max	14.39	32.38	-13.62
		mean peak height(nA)	1.13	3.58	
7	TFA SGF15253-18 Indonesia/juice concentrate	mean	24.45	2.61	-12.81
		SD	5.85	1.61	0.29
		min	15.75	0.40	-13.12
		max	28.19	4.10	-12.55
		mean peak height(nA)	0.94	3.18	
8	TFA SGF10035-17 Kenia/fresh fruit	mean	35.61	16.02	-11.31
		SD	2.01	2.93	0.01
		min	33.34	12.31	-11.32
		max	37.66	19.51	-11.29
		mean peak height(nA)	2.07	1.62	
9	TFA SGF11042-16 Indonesia/fresh fruit	mean	-2.32		-14.53
		SD	1.54	3.67	
		min	-4.27	-18.26	
		max	-0.36	-8.44	
		mean peak height(nA)	1.62	0.85	
10	TFA SGF70117-16 Philippines/juice concentrate	mean	-33.79	-24.98	-13.37
		SD	2.25	0.65	0.08
		min	-35.81	-25.94	-13.42
		max	-30.57	-24.53	-13.27
		mean peak height(nA)	0.92	3.72	
11	TFA SGF85012-17 China/single strength	mean	0.60	12.70	-13.04
		SD	1.78	1.10	0.12
		min	-1.66	11.30	-13.12
		max	3.05	13.95	-12.96
		mean peak height(nA)	1.39	2.77	
12	TFA SGF78022-17 Vietnam/single strength	mean	-16.71	-4.50	-14.08
		SD	0.61	0.98	
		min	-17.37	-5.59	
		max	-15.96	-3.30	
		mean peak height (nA)	1.06	2.97	
13	TFA SGF70132-17 Indonesia/juice concentrate	mean	-25.91	-9.88	-12.95
		SD	1.12	1.12	0.05
		min	-26.76	-10.64	-13.00
		max	-24.64	-8.59	-12.92
		mean peak height (nA)	1.28	3.91	
14	TFA SGF78079-17 Thailand/juice concentrate	mean	-42.73	-23.51	-13.04
		SD	2.19	1.52	0.04
		min	-45.24	-24.95	-13.09
		max	-39.99	-21.73	-13.01
		mean peak height (nA)	1.34	3.69	
15	TFA SGF 28022-18 Thailand/juice concentrate	mean	-18.77	-7.04	-14.87
		SD	3.84	1.44	
		min	-23.36	-8.30	
		max	-12.91	-4.87	
		mean peak height (nA)	0.88	3.95	
16	TFA SGF22115-18 Brazil/juice concentrate	mean		14.17	-14.20
		SD		0.69	0.21
		min		13.47	-14.42
		max		14.86	-13.99
		mean peak height (nA)		4.36	
17	TFA SGF28017-18 Thailand/juice concentrate	mean	-41.85	-16.87	-12.87
		SD	2.20	0.21	0.04
		min	-44.53	-17.10	-13.60
		max	-39.48	-16.60	-12.14
		mean peak height (nA)	0.77	3.51	
18	TFA SGF72008-17 Brazil/Puree	mean	-11.05	-8.13	-12.64
		SD	1.48	2.16	0.28
		min	-12.39	-9.66	-12.88
		max	-9.54	-5.02	-12.33
		mean peak height (nA)	0.58	4.63	
19	TFA SGF78015-17 Thailand/juice concentrate	mean	-37.49	-18.93	-13.72
		SD	1.26	0.57	0.04
		min	-38.47	-19.70	-13.74
		max	-35.71	-18.40	-13.69
		mean peak height (nA)	0.98	4.03	
20	TFA SGF78023-16 Thailand/juice concentrate	mean	-30.23	5.23	-13.38
		SD	2.46	0.39	0.07
		min	-33.83	4.87	-13.46
		max	-28.56	5.64	-13.33
		mean peak height (nA)	0.71	3.48	
21	TFA SGF70176-17 Kenia/puree	mean	17.87	17.32	-12.52
		SD	4.77	0.63	0.02
		min	12.78	16.37	-12.54
		max	22.22	17.72	-12.49
		mean peak height (nA)	0.73	3.56	
22	TFA SGF78052-17 Thailand/juice concentrate	mean	-50.64	-39.63	-13.03
		SD	1.88	1.30	0.04
		min	-52.81	-40.36	-13.06
		max	-48.77	-37.70	-12.98
		mean peak height (nA)	0.89	3.40	