



Supplementary Information

Vitamin C Determination by Ultraviolet Spectroscopy and Multiproduct Calibration

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Table S1. Nectar composition

Flavor	Codified trade mark (number of samples)	Composition
Grape	SF (4)	water, sugar, concentrate grape juice, natural grape flavor, citric acid, natural dye carmine, ascorbic acid, xanthan gum
	MG (5)	water, sugar, concentrate grape juice, grape flavor identical to natural, citric acid, ascorbic acid
White grape	PT (3)	water, concentrate white grape juice, sugar, natural grape flavor, citric acid, ascorbic acid
Light grape	MG (3)	water, concentrate grape juice and pulp, synthetic grape flavor, citric acid, ascorbic acid, sucralose, acesulfame potassium
	CP (3)	water, concentrate grape juice, natural grape flavor, citric acid, natural dye carmine, ascorbic acid, xanthan gum, sodium cyclamate, saccharin, sucralose, acesulfame potassium
Peach	SF (5)	water, sugar, concentrate peach juice, citric acid, natural peach flavor, xanthan gum, ascorbic acid
	CP (4)	water, sugar, concentrate peach juice, citric acid, natural peach flavor, xanthan gum, guar gum, ascorbic acid
Light peach	DL (3)	water, peach pulp, citric acid, natural peach flavor, xanthan gum, ascorbic acid, sucralose, acesulfame potassium
	CP (3)	water, concentrate peach juice, citric acid, natural peach flavor, xanthan gum, guar gum, ascorbic acid, sodium cyclamate, saccharin, sucralose, acesulfame potassium
Pear	NT (3)	water, sugar, concentrate pear juice, citric acid, natural pear flavor, ascorbic acid
Strawberry	MG (3)	water, sugar, concentrate strawberry juice, concentrate apple juice, natural strawberry flavor, citric acid, natural dye carmine, ascorbic acid, xanthan gum
Passion fruit	SF (5)	water, sugar, concentrate passion fruit juice, natural passion fruit flavor, citric acid, ascorbic acid, xanthan gum
	MG (4)	water, sugar, passion fruit pulp, natural passion fruit flavor, citric acid, ascorbic acid, guar gum, synthetic dye betacarotene
Light passion fruit	MG (3)	water, passion fruit juice, passion fruit flavor identical to natural, guar gum, sodium citrate, citric acid, synthetic dye betacarotene identical to natural, sucralose, acesulfame potassium
Mango	CP (3)	water, sugar, concentrate mango juice, natural mango flavor, citric acid, ascorbic acid, guar gum, xanthan gum
	PT (3)	water, sugar, concentrate mango pulp, mango flavor, citric acid, ascorbic acid, guar gum
	FT (3)	water, sugar, mango pulp, natural mango flavor, ascorbic acid, vitamins B2 and B6, citric acid, ascorbic acid
	DL (3)	water, mango pulp, natural mango flavor, xanthan gum, sodium citrate, citric acid, sucralose, acesulfame potassium
Light mango	MG (3)	water, mango juice, citric acid, ascorbic acid, xanthan gum, natural mango flavor, sucralose, acesulfame potassium
	SH (4)	water, concentrate apple juice, apple pulp, sugar, malic acid, ascorbic acid
Apple	CP (4)	water, sugar, concentrate apple juice, ascorbic acid, citric acid, xanthan gum, guar gum, natural apple flavor
	MG (4)	water, sugar, concentrate apple juice, citric acid, natural dye caramel, ascorbic acid, natural apple flavor, xanthan gum, polydimethylsiloxane antifoam
Lemon	MG (3)	water, sugar, concentrate lemon juice, natural lemon flavor, arabic gum, ester gum, ascorbic acid, natural dye chlorophyllin and curcumin, polydimethylsiloxane antifoam

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Table S1. Nectar composition (cont.)

Flavor	Codified trade mark (number of samples)	Composition
Orange	SF (4)	water, sugar, concentrate orange juice, natural orange flavor, citric acid, ascorbic acid, xanthan gum
	DL (4)	water, sugar, concentrate orange juice, concentrate apple juice, acacia gum, ascorbic acid, citric acid, natural orange flavor
	CP (4)	water, sugar, concentrate orange juice, ascorbic acid, citric acid, natural orange flavor, sodium carboxymethylcellulose, guar gum, natural dye carotene
Light orange	MG (3)	water, concentrate orange juice, orange pulp, citric acid, synthetic orange flavor identical to natural, ascorbic acid, synthetic dye betacarotene, xanthan gum, sodium citrate, sucralose, acesulfame potassium
Guava	DL (3)	water, guava pulp, sugar, concentrate apple juice, ascorbic acid, citric acid, natural guava flavor
	FT (3)	water, concentrate guava pulp, sugar, ascorbic acid, vitamins B2 and B6, citric acid, natural guava flavor, INS 446 stabilizing
Light guava	DL (3)	water, guava pulp, ascorbic acid, citric acid, natural guava flavor, sucralose, acesulfame potassium
	MG (3)	water, guava juice, citric acid, ascorbic acid, xanthan gum, guava flavor identical to natural, sodium citrate, sucralose, acesulfame potassium
Cashew	DL (3)	water, sugar, concentrate cashew juice, acacia gum, ascorbic acid, natural cashew flavor, citric acid, sulfur dioxide
Light cashew	DL (3)	water, concentrate cashew juice, citric acid, xanthan gum, sulfur dioxide, sucralose, acesulfame potassium
	MG (3)	water, concentrate cashew juice, citric acid, cashew flavor identical to natural, ascorbic acid, xanthan gum, sodium metabisulphite, sucralose, acesulfame potassium
Pineapple	DL (3)	water, sugar, concentrate pineapple juice, concentrate apple juice, acacia gum, ascorbic acid, citric acid, manganese, xanthan gum, natural pineapple flavor
	SH (3)	water, pineapple pulp, citric acid, sugar, pineapple flavor identical to natural