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**UNITED STATES DISTRICT COURT  
NORTHERN DISTRICT OF CALIFORNIA**

KYLE BANTA YOSHIDA, ANTHONY  
MANCUSO, and ASHLEY MISTLER, on behalf  
of themselves, those similarly situated and the  
general public,

Plaintiffs,

v.

CAMPBELL SOUP COMPANY,

Defendant.

Case No:

CLASS ACTION

**COMPLAINT FOR:**

**VIOLATIONS OF CAL. BUS. & PROF. CODE  
§§17200 *et seq.*; CAL. BUS. & PROF. CODE  
§§17500 *et seq.*; CAL. CIV. CODE §§ 1750 *et seq.*;  
and BREACH OF EXPRESS & IMPLIED  
WARRANTIES**

DEMAND FOR JURY TRIAL

1 Plaintiffs Kyle Banta Yoshida, Anthony Mancuso, and Ashley Mistler, on behalf of themselves, all  
2 others similarly situated, and the general public, by and through their undersigned counsel, hereby sue  
3 Defendant Campbell Soup Company (“Campbell”), and allege the following upon their own knowledge, or  
4 where they lack personal knowledge, upon information and belief, including the investigation of their  
5 counsel.

### 6 **INTRODUCTION**

7 1. For several years, Campbell has sold a line of V8 brand juices called “Fruit and Vegetable  
8 Blends” (the “Products” or “Juice Blends”).<sup>1</sup> Campbell represents on their labels that the Juice Blends are  
9 healthy, or beneficial to health, with claims such as “BOOST YOUR MORNING NUTRITION” and  
10 “healthy greens.” These and the other representations and omissions of material facts, however, are false  
11 and misleading because consuming fruit juices like the V8 Juice Blends, due to their sugar content, increases  
12 the risk of metabolic disease, cardiovascular disease, type 2 diabetes, and liver disease, and is further  
13 associated with increased all-cause mortality.

14 2. Plaintiffs bring this action against Campbell on behalf of themselves, similarly situated Class  
15 Members, and the general public, to enjoin Campbell from deceptively marketing the Juice Blends with  
16 false and misleading labeling claims and to recover compensation for injured Class Members.

### 17 **JURISDICTION & VENUE**

18 3. This Court has jurisdiction over this action pursuant to 28 U.S.C. § 1332(d)(2)(A), the Class  
19 Action Fairness Act, because the matter in controversy exceeds the sum or value of \$5,000,000 exclusive  
20 of interest and costs, and at least one member of the class of plaintiffs is a citizen of a State different from  
21 Defendant. In addition, more than two-thirds of the members of the class reside in states other than the state  
22 in which Defendant is a citizen and in which this case is filed, and therefore any exceptions to jurisdiction  
23 under 28 U.S.C. § 1332(d) do not apply.

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25  
26 <sup>1</sup> Through their pre-filing investigation, Plaintiffs were able to identify at least 17 flavors of the Fruit and  
27 Vegetable Blends that were sold during the four years preceding the filing of this Complaint (the “Class  
28 Period”). See Appendix 1. To the extent that Plaintiffs were unable to identify all flavors sold during the Class  
Period, this Complaint should be read to include rather than exclude any such flavors of Fruit and Vegetable  
Blends.

4. The Court has personal jurisdiction over Defendant pursuant to Cal. Code Civ. P. § 410.10 because Campbell has purposely availed itself of the benefits and privileges of conducting business activities within the State of California through the intentional promotion, marketing, distribution, and sale of the Juice Blends in California.

5. Venue is proper pursuant to 28 U.S.C. § 1391(b) and (c), because Campbell resides (*i.e.*, is subject to personal jurisdiction) in this district, and a substantial part of the events or omissions giving rise to the claims occurred in this district.

### **DIVISIONAL ASSIGNMENT**

6. This civil action arises substantially out of acts and omissions of Defendant's that occurred in San Francisco County. Accordingly, pursuant to Civil Local Rule 3-2(c) & (d), this action is correctly assigned to the San Francisco or Oakland Division.

### **THE PARTIES**

7. Plaintiff Kyle Banta Yoshida is a resident of Oakland, California.

8. Plaintiff Anthony Mancuso is a resident of Los Angeles, California.

9. Plaintiff Ashley Mistler is a resident of West Sacramento, California.

10. Defendant Campbell Soup Company is a Delaware Corporation with its principal place of business at 1 Campbell Place in Camden, New Jersey.

### **FACTS**

#### **I. CAMPBELL MARKETS THE JUICE BLENDS AS HEALTHY**

11. Consumers prefer healthful foods and are willing to pay more for, and purchase more often, products marketed and labeled as being healthy. For example, Nielsen's 2015 Global Health & Wellness Survey found that "88% of those polled are willing to pay more for healthier foods."<sup>2</sup>

12. Campbell understands this well. According to Campbell, "[p]riorit[y] issues" for its consumers include "Healthy Products,"<sup>3</sup> and it has publicly acknowledged that its own market research

<sup>2</sup> Nancy Gagliardi, Forbes, Consumers Want Healthy Foods--And Will Pay More For Them (Feb. 18, 2015) (citing Neilson, 2015 Global Health & Wellness Survey, at 11 (Jan. 2015)).

<sup>3</sup> Campbell, 2015 Update of the Corporate Social Responsibility Report at 24, *available at* [https://www.campbellsr.com/\\_pdfs/Campbells\\_2015\\_CSR\\_Report.pdf](https://www.campbellsr.com/_pdfs/Campbells_2015_CSR_Report.pdf).

revealed “key drivers that consumers believe are important to build trust” include “a company that . . . Continually strives to make products healthier.”<sup>4</sup>

13. In line with this research, Campbell has stated that “healthy foods generated 32 percent of its FY2014 U.S. retail sales, or \$2.5 billion” and it “continue[s] to grow [its] better-for-you portfolio through ongoing initiatives, new product development and brand acquisitions.”<sup>5</sup>

14. Campbell therefore knows or has reason to know representations that the Juice Blends are beneficial (rather than detrimental) to health will influence reasonable consumers’ purchasing decisions.

15. Campbell accordingly employs a strategic marketing campaign for its Juice Blends that is intended to appeal to consumers interested in healthful foods and thereby increase Campbell’s sales and profits.

16. On the V8 website, for example, Campbell claims that its “V8 Fruit & Vegetable Blends are a healthy beverage option for those looking for a perfect blend of vegetables . . . .”<sup>6</sup>

17. In addition, during the Class Period, the Juice Blends’ labels prominently bore the phrase, “BOOST YOUR MORNING NUTRITION.”

18. In addition, Campbell has specifically named one flavor of its V8 Fruit & Vegetable Blends “Healthy Greens,” which conveys that the beverage is healthy.

19. Exemplars of the Juice Blends’ labeling bearing the challenged claims are shown below.

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<sup>4</sup> *Id.* at p. 18.

<sup>5</sup> Campbell, 2015 Update of the Corporate Social Responsibility Report at 24.

<sup>6</sup> Campbell, V8® Fruit & Vegetable Blends – Healthy Greens, available at <https://www.campbells.com/v8/products/v8-blends/healthy-greens/>.



## II. SCIENTIFIC EVIDENCE DEMONSTRATES THAT CONSUMING JUICE, LIKE CAMPBELL'S JUICE BLENDS, IS UNHEALTHY

### A. Juice Consumption is Associated with Increased Risk of Metabolic Disease

20. Excess sugar consumption leads to metabolic syndrome by stressing and damaging crucial organs, including the pancreas and liver. When the pancreas, which produces insulin, becomes overworked, it can fail to regulate blood sugar properly. Large doses of fructose can overwhelm the liver, which metabolizes fructose. In the process, the liver will convert excess fructose to fat, which is stored in the liver and released into the bloodstream. This process contributes to key elements of metabolic syndrome,

including high blood fats and triglycerides, high cholesterol, high blood pressure, and extra body fat, especially in the belly.<sup>7</sup>

21. Metabolic disease has been linked to type 2 diabetes, cardiovascular disease, obesity, polycystic ovary syndrome, nonalcoholic fatty liver disease, and chronic kidney disease, and is defined as the presence of any three of the following:

- a. Large Waist Size (35" or more for women, 40" or more for men);
- b. High triglycerides (150mg/dL or higher, or use of cholesterol medication);
- c. High total cholesterol, or HDL levels under 50mg/dL for women, and 40 mg for men;
- d. High blood pressure (135/85 mm or higher); or
- e. High blood sugar (100mg/dL or higher).

22. More generally, "metabolic abnormalities that are typical of the so-called metabolic syndrome . . . includ[e] insulin resistance, impaired glucose tolerance, high concentrations of circulating triacylglycerols, low concentrations of HDLs, and high concentrations of small, dense LDLs."<sup>8</sup>

23. Fifty-six million Americans have metabolic syndrome, or about 23% over the age of 20, placing them at higher risk for chronic disease.

24. In 2010, Harvard researchers published a meta-analysis of three studies, involving 19,431 participants, concerning the effect of consuming sugar-sweetened beverages on risk for metabolic syndrome. They found participants in the highest quantile of 1-2 servings per day<sup>9</sup> had an average 20% greater risk of developing metabolic syndrome than did those in the lowest quantile of less than 1 serving per day, showing "a clear link between SSB consumption and risk of metabolic syndrome . . . ."<sup>10</sup>

<sup>7</sup> Te Morenga, L., et al., "Dietary sugars and body weight: systematic review and meta-analyses of randomized controlled trials and cohort studies," *BJM* (January 2013) [hereinafter, "Te Morenga, Dietary Sugars & Body Weight"].

<sup>8</sup> Fried, S.K., "Sugars, hypertriglyceridemia, and cardiovascular disease," *American Journal of Clinical Nutrition*, Vol. 78 (suppl.), 873S-80S, at 873S (2003) [hereinafter, "Fried, Hypertriglyceridemia"].

<sup>9</sup> Because 1 sugar-sweetened beverage typically has 140-150 calories and 35-37.5 grams of sugar per 12-ounce serving, this is equivalent to between 140 and 300 calories per day, and 35 to 75 grams of sugar per day.

<sup>10</sup> Malik, Vasanti S., et al., "Sugar-Sweetened Beverages and Risk of Metabolic Syndrome and Type 2 Diabetes," *Diabetes Care*, Vol. 33, No. 11, 2477-83, at 2477, 2480-81 (November 2010) [hereinafter "Malik, 2010 Meta-Analysis"].



25. Researchers who studied the incidence of metabolic syndrome and its components in relation to soft drink consumption in more than 6,000 participants in the Framingham Heart Study found that individuals who consumed 1 or more soft drinks per day (i.e., 140-150 calories and 35-37.5 grams of sugar or more) had a 48% higher prevalence of metabolic syndrome than infrequent consumers, those who drank less than 1 soft drink per day. In addition, the frequent-consumer group had a 44% higher risk of developing metabolic syndrome.<sup>11</sup>

**B. Juice Consumption is Associated with Increased Risk of Cardiovascular Heart Disease**

26. Heart disease is the number one killer in the United States. The scientific literature demonstrates that consuming sugar-containing beverages (SCB), including juices, at amounts typically consumed has deleterious effects on heart health.

27. In a study published in January 2020, researchers set out to determine whether consumption of SCBs, including juice, is associated with cardiometabolic risk (CMR) in preschool children, using 2007-2018 data from TARGet Kids!, a primary-care, practice-based research network in Canada. After adjusting for sociodemographic, familial and child-related covariates, higher consumption of SCB was significantly associated with elevated CMR scores, including lower HDL “good” cholesterol, and higher triglycerides. In addition, when examined separately, juice was significantly associated with lower HDL cholesterol. The researchers stated that their “findings support recommendations to limit overall intake of SCB in early childhood, in [an] effort to reduce the potential long-term burden of CMR.”<sup>12</sup>

28. But juice consumption does not just detrimentally affect children. Analyzing data from the Danish Diet, Cancer and Health cohort study, representing 57,053 men and women, aged 50 to 64 years old, researchers found “a tendency towards a lower risk of ACS [acute coronary syndrome] . . . for both men

<sup>11</sup> Dhingra, R., et al., “Soft Drink Consumption and Risk of Developing Cardiometabolic Risk Factors and the Metabolic Syndrome in Middle-Aged Adults in the Community,” *Circulation*, Vol. 116, 480-88 (2007) [hereinafter “Dhingra, Cardiometabolic Risk”].

<sup>12</sup> Eny, KM, et al., “Sugar-containing beverage consumption and cardiometabolic risk in preschool children.” *Prev. Med. Reports* 17 (Jan. 14, 2020).

1 and women with higher fruit and vegetable consumption,” but “a higher risk . . . among women with higher  
2 fruit juice intake[.]”<sup>13</sup>

3 29. In one study, those who consumed juice daily, rather than rarely or occasionally, had  
4 significantly higher central systolic blood pressure, a risk factor for cardiovascular disease, even after  
5 adjusting for age, height, weight, mean arterial pressure, heart rate, and treatment for lipids and  
6 hypertension.<sup>14</sup>

7 30. Studies of the cardiovascular effects of added sugar consumption further suggest juice  
8 consumption causes increased risk for and contraction of cardiovascular disease, since the free sugars in  
9 juice act physiologically identically to added sugar, such as those in sugar-sweetened beverages.

10 31. For example, data obtained from National Health and Nutrition Examination Surveys  
11 (NHANES) during the periods of 1988-1994, 1999-2004, and 2005-2010, after adjusting for a wide variety  
12 of other factors, demonstrate that those who consumed 10% - 24.9% of their calories from added sugar had  
13 a 30% greater risk of cardiovascular disease (CVD) mortality than those who consumed 5% or less of their  
14 calories from added sugar. In addition, those who consumed 25% or more of their calories from added sugar  
15 had an average 275% greater risk of CVD mortality than those who consumed less than 5% of calories from  
16 added sugar. Similarly, when compared to those who consumed approximately 8% of calories from added  
17 sugar, participants who consumed approximately 17% - 21% (the 4th quintile) of calories from added sugar  
18 had a 38% higher risk of CVD mortality, while the relative risk was more than double for those who  
19 consumed 21% or more of calories from added sugar (the 5th quintile). Thus, “[t]he risk of CVD mortality  
20 increased exponentially with increasing usual percentage of calories from added sugar,” as demonstrated in  
21 the chart below.<sup>15</sup>

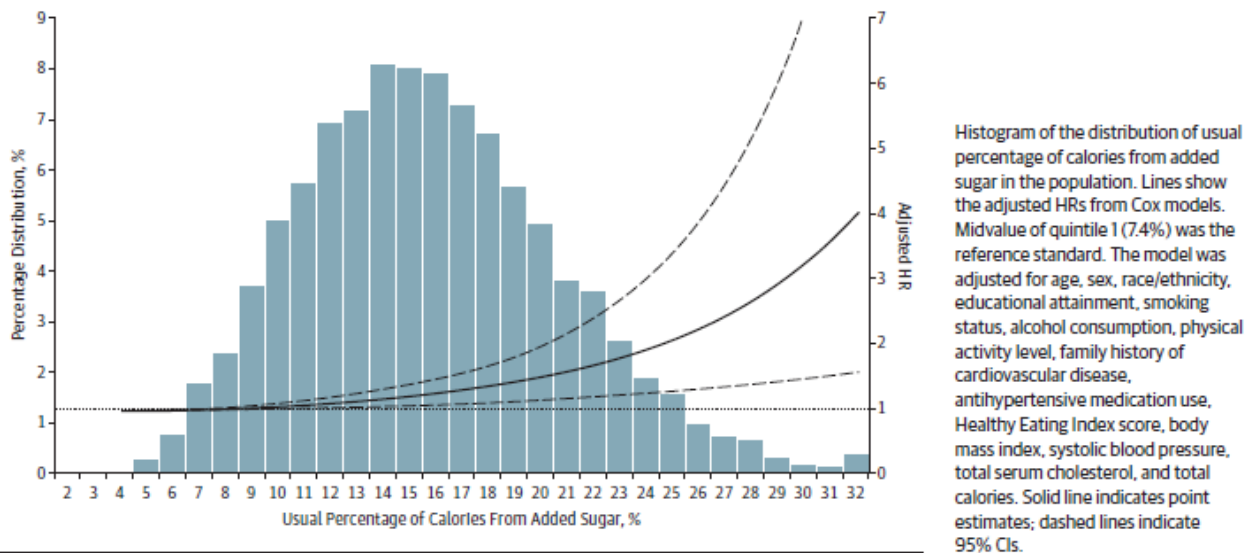
22  
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24  
25 <sup>13</sup> Hansen, L., et al., “Fruit and vegetable intake and risk of acute coronary syndrome.” *British J. of Nutr.*,  
Vol. 104, p. 248-55 (2010).

26 <sup>14</sup> Pase, M.P., et al., “Habitual intake of fruit juice predicts central blood pressure.” *Appetite*, Vol. 84, p.  
27 658-72 (2015).

28 <sup>15</sup> Yang, Quanhe, et al., “Added Sugar Intake and Cardiovascular Diseases Mortality Among US Adults,”  
*JAMA*, at E4-5 (pub. online, Feb. 3, 2014).



Figure 1. Adjusted Hazard Ratio (HR) of the Usual Percentage of Calories From Added Sugar for Cardiovascular Disease Mortality Among US Adults 20 Years or Older: National Health and Nutrition Examination Survey Linked Mortality Files, 1988-2006



32. The NHANES analysis also found “a significant association between sugar-sweetened beverage consumption and risk of CVD mortality,” with an average 29% greater risk of CVD mortality “when comparing participants who consumed 7 or more servings/wk (360 mL per serving) with those who consumed 1 serving/wk or less . . . .”<sup>16</sup> The study concluded that “most US adults consume more added sugar than is recommended for a healthy diet. A higher percentage of calories from added sugar is associated with significantly increased risk of CVD mortality. In addition, regular consumption of sugar-sweetened beverages is associated with elevated CVD mortality.”<sup>17</sup>

33. Data from the Nurses’ Health Study consistently showed that, after adjusting for other unhealthy lifestyle factors, those who consumed two or more sugar-sweetened beverages per day (280 calories, or 70 grams of sugar or more) had a 35% greater risk of coronary heart disease compared with infrequent consumers.<sup>18</sup>

<sup>16</sup> *Id.* at E6.

<sup>17</sup> *Id.* at E8.

<sup>18</sup> Fung, T.T., et al., “Sweetened beverage consumption and risk of coronary heart disease in women.” *Am. J. of Clin. Nutr.*, Vol. 89, pp. 1037-42 (Feb. 2009).

34. In another prospective cohort study, it was suggested that reducing sugar consumption in liquids is highly recommended to prevent CHD. Consumption of sugary beverages was significantly shown to increase risk of CHD, as well as adverse changes in some blood lipids, inflammatory factors, and leptin.<sup>19</sup>

35. Juice consumption is also associated with several CHD risk factors. For example, consumption of sugary beverages like juice has been associated with dyslipidemia,<sup>20</sup> obesity,<sup>21</sup> and increased blood pressure.<sup>22</sup>

### C. Juice Consumption is Associated with Increased Risk of Type 2 Diabetes

36. Diabetes affects 25.8 million Americans, and can cause kidney failure, lower-limb amputation, and blindness. In addition, diabetes doubles the risk of colon and pancreatic cancers and is strongly associated with coronary artery disease and Alzheimer's disease.<sup>23</sup>

37. In 2010, Harvard researchers also performed a meta-analysis of 8 studies concerning sugar-sweetened beverage consumption and risk of type 2 diabetes, involving a total of 310,819 participants. They concluded that individuals in the highest quantile of SSB intake had an average 26% greater risk of

<sup>19</sup> Koning, L.D., et al., "Sweetened Beverage Consumption, Incident Coronary Heart Disease, and Biomarkers of Risk in Men." *Circulation*, Vol. 125, pp. 1735-41 (2012).

<sup>20</sup> Elliott S.S., et al., "Fructose, weight gain, and the insulin resistance syndrome." *Am. J. Clin. Nutr.*, Vol. 76, No. 5, pp. 911-22 (2002).

<sup>21</sup> Faith, M.S., et al., "Fruit Juice Intake Predicts Increased Adiposity Gain in Children From Low-Income Families: Weight Status-by-Environment Interaction." *Pediatrics*, Vol. 118 (2006) ("Among children who were initially either at risk for overweight or overweight, increased fruit juice intake was associated with excess adiposity gain, whereas parental offerings of whole fruits were associated with reduced adiposity gain."); Schulze, M.B., et al., "Sugar-Sweetened Beverages, Weight Gain, and Incidence of Type 2 Diabetes in Young and Middle-Aged Women." *JAMA*, Vol. 292, No. 8, pp. 927-34 (2004); Ludwig, D.S., et al., "Relation between consumption of sugar-sweetened drinks and childhood obesity: a prospective, observational analysis." *Lancet*, Vol. 257, pp. 505-508 (2001); Dennison, B.A., et al., "Excess fruit juice consumption by preschool-aged children is associated with short stature and obesity." *Pediatrics*, Vol. 99, pp. 15-22 (1997).

<sup>22</sup> Hoare, E., et al., "Sugar- and Intense-Sweetened Drinks in Australia: A Systematic Review on Cardiometabolic Risk." *Nutrients*, Vol. 9, No. 10 (2017).

<sup>23</sup> Aranceta Bartrina, J. et al., "Association between sucrose intake and cancer: a review of the evidence," *Nutrición Hospitalaria*, Vol. 28 (Suppl. 4), 95-105 (2013); Garcia-Jimenez, C., "A new link between diabetes and cancer: enhanced WNT/beta-catenin signaling by high glucose," *Journal of Molecular Endocrinology*, Vol. 52, No. 1 (2014); Linden, G.J., "All-cause mortality and periodontitis in 60-70-year-old men: a prospective cohort study," *Journal of Clinical Periodontal*, Vol. 39, No. 1, 940-46 (October 2012).

developing type 2 diabetes than those in the lowest quantile.<sup>24</sup> Moreover, “larger studies with longer durations of follow-up tended to show stronger associations.”<sup>25</sup> Thus, the meta-analysis showed “a clear link between SSB consumption and risk of . . . type 2 diabetes.”<sup>26</sup>

38. An analysis of data for more than 50,000 women from the Nurses’ Health Study,<sup>27</sup> during two 4-year periods (1991-1995, and 1995-1999), showed, after adjusting for confounding factors, that women who consumed 1 or more sugar-sweetened soft drink per day (*i.e.*, 140-150 calories and 35-37.5 grams of sugar), had an 83% greater relative risk of type 2 diabetes compared with those who consumed less than 1 such beverage per month, and women who consumed 1 or more fruit punch drinks per day had a 100% greater relative risk of type 2 diabetes.<sup>28</sup>

39. The result of this analysis shows a statistically significant linear trend with increasing sugar consumption.<sup>29</sup>

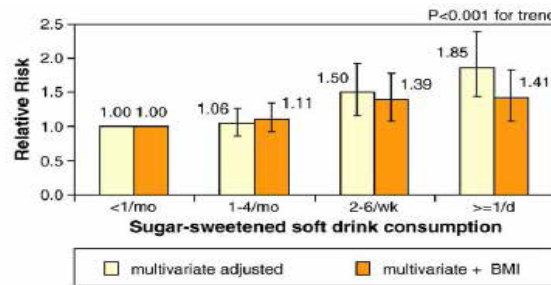


Fig. 4. Multivariate relative risks (RRs) of type 2 diabetes according to sugar-sweetened soft drink consumption in the Nurses’ Health Study II 1991–1999 (Multivariate RRs were adjusted for age, alcohol (0, 0.1–4.9, 5.0–9.9, 10+ g/d), physical activity (quintiles), family history of diabetes, smoking (never, past, current), postmenopausal hormone use (never, ever), oral contraceptive use (never, past, current), intake (quintiles) of cereal fiber, magnesium, trans fat, polyunsaturated:saturated fat, and consumption of sugar-sweetened soft drinks, diet soft drinks, fruit juice, and fruit punch (other than the main exposure, depending on model). The data were based on Ref. [50]).

<sup>24</sup> Malik, 2010 Meta-Analysis, *supra* n.10 at 2477, 2480.

<sup>25</sup> *Id.* at 2481.

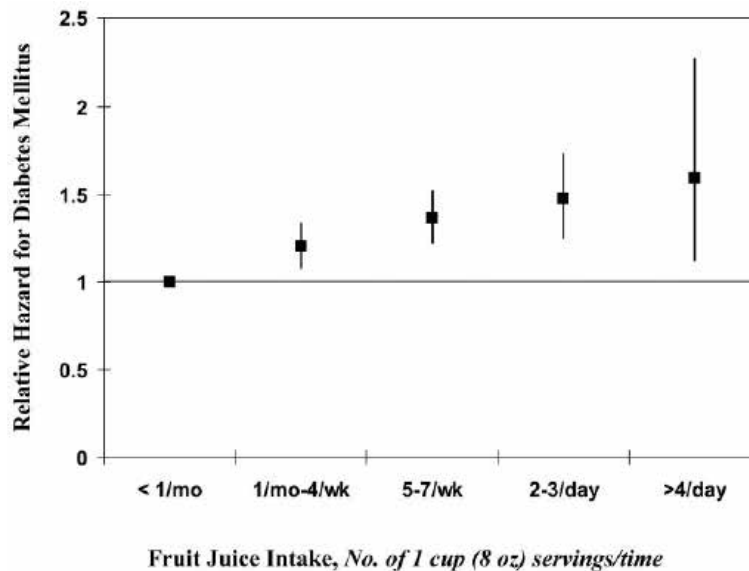
<sup>26</sup> *Id.*

<sup>27</sup> The Nurses’ Health Study was established at Harvard in 1976, and the Nurses’ Health Study II, in 1989. Both are long-term epidemiological studies conducted on women’s health. The study followed 121,700 women registered nurses since 1976, and 116,000 female nurses since 1989, to assess risk factors for cancer, diabetes, and cardiovascular disease. The Nurses’ Health Studies are among the largest investigations into risk factors for major chronic disease in women ever conducted. *See generally* “The Nurses’ Health Study,” at <http://www.channing.harvard.edu/nhs>.

<sup>28</sup> Schulze, M.B., et al., “Sugar-Sweetened Beverages, Weight Gain, and Incidence of Type 2 Diabetes in Young and Middle-Aged Women,” *Journal of the American Medical Association*, Vol. 292, No. 8, 927-34 (Aug. 25, 2004) [hereinafter “Schulze, Diabetes in Young & Middle-Aged Women”].

<sup>29</sup> Hu, F.B., et al., “Sugar-sweetened beverages and risk of obesity and type 2 diabetes: Epidemiologic evidence,” *Physiology & Behavior*, Vol. 100, 47-54 (2010).

40. A prospective cohort study of more than 43,000 African American women between 1995 and 2001 showed that the incidence of type 2 diabetes was higher with higher intake of both sugar-sweetened soft drinks and fruit drinks. After adjusting for confounding variables, those who drank 2 or more soft drinks per day (*i.e.*, 140-300 calories and 35-75 grams of sugar) showed a 24% greater risk of type 2 diabetes, and those who drank 2 or more fruit drinks per day showed a 31% greater risk of type 2 diabetes, than those who drank 1 or less such drinks per month.<sup>30</sup>



**Figure 1**—Multivariate-adjusted relative hazard of diabetes by category of cumulatively updated fruit juice intake. Values were adjusted for cumulatively updated BMI, physical activity, family history of diabetes, postmenopausal hormone use, alcohol use, smoking, and total energy intake. For an increase of 1 serving/day of fruit juice, the multivariate-adjusted relative risk was 1.18 (95% CI 1.10–1.26;  $P < 0.0001$ ).

41. A large cohort study of 71,346 women from the Nurses' Health Study followed for 18 years showed that those who consumed 2 to 3 apple, grapefruit, and orange juices per day (280-450 calories and 75-112.5 grams of sugar) had an 18% greater risk of type 2 diabetes than women who consumed less than 1 sugar-sweetened beverage per month. The data also showed a linear trend with increased consumption, as demonstrated below.<sup>31</sup>

<sup>30</sup> Palmer, J.R., et al., "Sugar-Sweetened Beverages and Incidence of Type 2 Diabetes Mellitus in African American Women," *Archive of internal Medicine*, Vol. 168, No. 14, 1487-82 (July 28, 2008) [hereinafter "Palmer, Diabetes in African American Women"].

<sup>31</sup> Bazzano, L.A., et al., "Intake of fruit, vegetables, and fruit juices and risk of diabetes in women," *Diabetes Care*, Vol. 31, 1311-17 (2008).

42. An analysis of more than 40,000 men from the Health Professionals Follow-Up Study, a prospective cohort study conducted over a 20-year period, found that, after adjusting for age and a wide variety of other confounders, those in the top quartile of sugar-sweetened beverage intake had a 24% greater risk of type 2 diabetes than those in the bottom quartile, while consumption of artificially-sweetened beverages, after adjustment, showed no association.<sup>32</sup>

43. In an analysis of tens of thousands of subjects from three prospective longitudinal cohort studies (the Nurses' Health Study, Nurses' Health Study II, and Health Professionals Follow-up Study), researchers found, after adjusting for BMI, initial diet, changes in diet, and lifestyle covariates, that increasing sugary beverage intake—which included both sugar-sweetened beverages and fruit juice—by half-a-serving per day over a 4-year period was associated with a 16% greater risk of type 2 diabetes.<sup>33</sup>

44. In another study of subjects from the Nurses' Health Study, Nurses' Health Study II, and Health Professionals Follow-up Study, researchers set out to “determine whether individual fruits are differentially associated with risk of type 2 diabetes,” looking at the associated risk with eating three servings per week of blueberries, grapes and raisins, prunes, apples and pears, bananas, grapefruit, oranges, strawberries, cantaloupe, and peaches, plums and apricots, as well as “the same increment” in fruit juice consumption. They found that “[g]reater consumption of specific whole fruits” was “significantly associated with a lower risk of type 2 diabetes, whereas greater consumption of fruit juice is associated with a higher risk.” The increased risk was approximately 8% based on three fruit juice servings per week.<sup>34</sup> Similarly, a meta-analysis of 17 prospective cohort studies showed higher consumption of fruit juice was associated with a 7% greater incidence of type 2 diabetes after adjusting for adiposity.<sup>35</sup>

<sup>32</sup> de Konig, L., et al., “Sugar-sweetened and artificially sweetened beverage consumption and risk of type 2 diabetes in men,” *American Journal of Clinical Nutrition*, Vol. 93, 1321-27 (2011).

<sup>33</sup> Drouin-Chatier, J., et al., “Changes in Consumption of Sugary Beverages and Artificially Sweetened Beverages and Subsequent Risk of Type 2 Diabetes: Results From Three Large Prospective U.S. Cohorts of Women and Men,” *Diabetes Care*, Vol. 42, pp. 2181-89 (Dec. 2019).

<sup>34</sup> Muraki, I., et al., “Fruit consumption and risk of type 2 diabetes: results from three prospective longitudinal cohort studies.” *BMJ* (Aug. 28, 2013).

<sup>35</sup> Imamura, F., et al., “Consumption of sugar sweetened beverages, artificially sweetened beverages, and fruit juice and incidence of type 2 diabetes: systematic review, meta-analysis, and estimation of population attributable fraction.” *BMJ*, Vol. 351 (2015).

45. An econometric analysis of repeated cross-sectional data published in 2013 established a causal relationship between sugar availability and type 2 diabetes. After adjusting for a wide range of confounding factors, researchers found that an increase of 150 calories per day related to an insignificant 0.1% rise in diabetes prevalence by country, while an increase of 150 calories per day in sugar related to a 1.1% rise in diabetes prevalence by country, a statically-significant 11-fold difference.<sup>36</sup>

#### **D. Juice Consumption is Associated with Increased Risk of Liver Disease**

46. Sugar consumption causes serious liver disease, including non-alcoholic fatty liver disease (NAFLD), characterized by excess fat build-up in the liver. Five percent of these cases develop into non-alcoholic steatohepatitis (NASH), scarring as the liver tries to heal its injuries, which gradually cuts off vital blood flow to the liver. About 25% of NASH patients progress to non-alcoholic liver cirrhosis, which requires a liver transplant or can lead to death.<sup>37</sup>

47. Since 1980, the incidence of NAFLD and NASH has doubled, along with the rise of fructose consumption, with approximately 6 million Americans estimated to have progressed to NASH and 600,000 to Nash-related cirrhosis. Most people with NASH also have type 2 diabetes. NASH is now the third-leading reason for liver transplant in America.<sup>38</sup>

48. Moreover, because the liver metabolizes sugar virtually identically to alcohol, the U.S. is now seeing for the first time alcohol-related diseases in children. Conservative estimates are that 31% of American adults, and 13% of American children suffer from NAFLD.<sup>39</sup>

<sup>36</sup> Basu, S., et al., “The Relationship of Sugar to Population-Level Diabetes Prevalence: An Econometric Analysis of Repeated Cross-Sectional Data,” *PLOS Online*, Vol. 8, Issue 2 (February 27, 2013).

<sup>37</sup> Farrell, G.C., et al., “Nonalcoholic fatty liver disease: from steatosis to cirrhosis,” *Hepatology*, Vol. 433, No. 2 (Suppl. 1), S99-S112 (February 2006); Powell, E.E., et al., “The Natural History of Nonalcoholic Steatohepatitis: A Follow-up Study of Forty-two Patients for Up to 21 Years,” *Hepatology*, Vol. 11, No. 1 (1990).

<sup>38</sup> Charlton, M.R., et al., “Frequency and outcomes of liver transplantation for nonalcoholic steatohepatitis in the United States,” *Gastroenterology*, Vol. 141, No. 4, 1249-53 (October 2011).

<sup>39</sup> Lindback, S.M., et al., “Pediatric Nonalcoholic Fatty Liver Disease: A Comprehensive Review,” *Advances in Pediatrics*, Vol. 57, No. 1, 85-140 (2010); Lazo, M. et al., “The Epidemiology of Nonalcoholic Fatty Liver Disease: A Global Perspective,” *Seminars in Liver Disease*, Vol. 28, No. 4, 339-50 (2008); Schwimmer, J.B., et al., “Prevalence of Fatty Liver in Children and Adolescents,” *Pediatrics*, Vol. 118, No. 4, 1388-93 (2006); Browning, J.D., et al., “Prevalence of hepatic steatosis in an urban population in the United States: Impact of ethnicity,” *Hepatology*, Vol. 40, No. 6, 1387-95 (2004).



**E. Juice Consumption is Associated with Increased Risk of Obesity**

49. Excess sugar consumption also leads to weight gain and obesity because insulin secreted in response to sugar intake instructs the cells to store excess energy as fat. This excess weight can then exacerbate the problems of excess sugar consumption, because excess fat, particularly around the waist, is in itself a primary cause of insulin resistance, another vicious cycle. Studies have shown that belly fat produces hormones and other substances that can cause insulin resistance, high blood pressure, abnormal cholesterol levels, and cardiovascular disease. And belly fat plays a part in the development of chronic inflammation in the body, which can cause damage over time without any signs or symptoms. Complex interactions in fat tissue draw immune cells to the area, which triggers low-level chronic inflammation. This in turn contributes even more to insulin resistance, type 2 diabetes, and cardiovascular disease.

50. Based on a meta-analysis of 30 studies between 1966 and 2005, Harvard researchers found “strong evidence for the independent role of the intake of sugar-sweetened beverages, particularly soda, in the promotion of weight gain and obesity in children and adolescents. Findings from prospective cohort studies conducted in adults, taken in conjunction with results from short-term feeding trials, also support a positive association between soda consumption and weight gain, obesity, or both.”<sup>40</sup>

51. A recent meta-analysis by Harvard researchers evaluating change in Body Mass Index per increase in 1 serving of sugar-sweetened beverages per day found a significant positive association between beverage intake and weight gain.<sup>41</sup>

52. One study of more than 2,000 2.5-year-old children followed for 3 years found that those who regularly consumed sugar-sweetened beverages between meals had a 240% better chance of being overweight than non-consumers.<sup>42</sup>

53. An analysis of data for more than 50,000 women from the Nurses’ Health Study during two 4-year periods showed that weight gain over a 4-year period was highest among women who increased their

<sup>40</sup> Malik, V.S., et al., “Intake of sugar-sweetened beverages and weight gain: a systematic review,” *American Journal of Clinical Nutrition*, Vol. 84, 274-88 (2006).

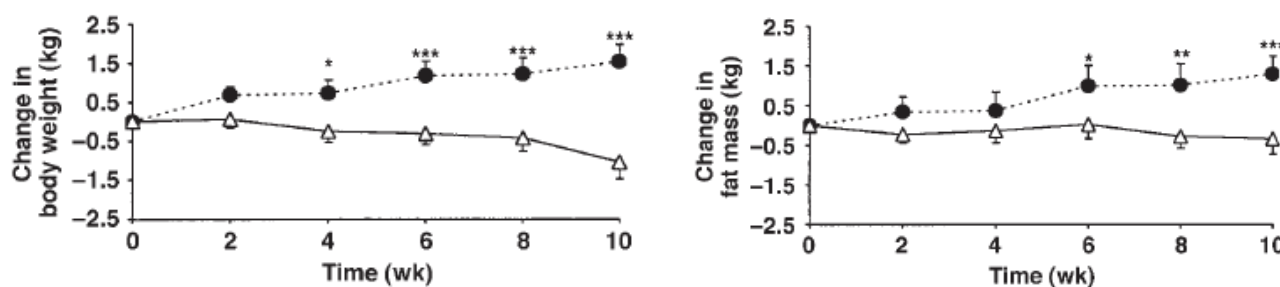
<sup>41</sup> Malik, V.S., et al., “Sugar-sweetened beverages and BMI in children and adolescents: reanalyses of a meta-analysis,” *American Journal of Clinical Nutrition*, Vol. 29, 438-39 (2009).

<sup>42</sup> Dubois, L., et al., “Regular sugar-sweetened beverage consumption between meals increases risk of overweight among preschool-aged children,” *Journal of the American Dietetic Association*, Vol. 107, Issue 6, 924-34 (2007).

sugar-sweetened beverage consumption from 1 or fewer drinks per week, to 1 or more drinks per day (8.0 kg gain during the 2 periods), and smallest among women who decreased their consumption or maintained a low intake level (2.8 kg gain).<sup>43</sup>

54. A study of more than 40,000 African American women over 10 years had similar results. After adjusting for confounding factors, those who increased sugar-sweetened beverage intake from less than 1 serving per week, to more than 1 serving per day, gained the most weight (6.8 kg), while women who decreased their intake gained the least (4.1 kg).<sup>44</sup>

55. Experimental short-term feeding studies comparing sugar-sweetened beverages to artificially-sweetened beverages have illustrated that consumption of the former leads to greater weight gain. As demonstrated in the chart below, one 10-week trial involving more than 40 men and women demonstrated that the group that consumed daily supplements of sucrose (for 28% of total energy) increased body weight and fat mass, by 1.6 kg for men and 1.3 kg for women, while the group that was supplemented with artificial sweeteners lost weight—1.0 kg for men and 0.3 kg for women.<sup>45</sup>



**FIGURE 2.** Mean ( $\pm$  SEM) changes in body weight, fat mass, and fat-free mass during an intervention in which overweight subjects consumed supplements containing either sucrose ( $\bullet$ ;  $n = 21$ ) or artificial sweeteners ( $\Delta$ ;  $n = 20$ ) daily for 10 wk. The diet  $\times$  time interactions were significant for changes in body weight ( $P < 0.0001$ ) and fat mass ( $P < 0.05$ ) by analysis of variance with Tukey's post hoc tests. At specific time points for changes in body weight and fat mass, there were significant differences between the sucrose and sweetener groups: \* $P < 0.05$ , \*\* $P < 0.001$ , and \*\*\* $P < 0.0001$  (general linear model with least squares means and adjustment for multiple comparisons).

<sup>43</sup> Schulze, Diabetes in Young & Middle-Aged Women, *supra* n.28.

<sup>44</sup> Palmer, Diabetes in African American Women, *supra* n.30.

<sup>45</sup> Raben, A., et al., "Sucrose compared with artificial sweeteners: different effects on ad libitum food intake and body weight after 10 wk of supplementation in overweight subjects," *American Journal of Clinical Nutrition*, Vol. 76, 721-29 (2002) [hereinafter, "Raben, Sucrose vs. Artificial Sweeteners"].

**F. Juice Consumption is Associated with Increased Risk of High Blood Triglycerides and Abnormal Cholesterol Levels**

56. Cholesterol is a waxy, fat-like substance found in the body's cells, used to make hormones, bile acids, vitamin D, and other substances. The human body manufactures all the cholesterol it requires, which circulates in the bloodstream in packages called lipoproteins. Excess cholesterol in the bloodstream can become trapped in artery walls, building into plaque and narrowing blood vessels, making them less flexible, a condition called atherosclerosis. When this happens in the coronary arteries, it restricts oxygen and nutrients to the heart, causing chest pain or angina. When cholesterol-rich plaques in these arteries burst, a clot can form, blocking blood flow and causing a heart attack.

57. Most blood cholesterol is low-density lipoprotein, or LDL cholesterol, which is sometimes called "bad" cholesterol because it carries cholesterol to the body's tissues and arteries, increasing the risk of heart disease. High-density lipoprotein, or HDL cholesterol, is sometimes called "good" cholesterol because it removes excess cholesterol from the cardiovascular system, bringing it to the liver for removal. Thus, a low level of HDL cholesterol increases the risk of heart disease.

58. Diet affects blood cholesterol. For example, the body reacts to saturated fat by producing LDL cholesterol.

59. When the liver is overwhelmed by large doses of fructose, it will convert excess to fat, which is stored in the liver and then released into the bloodstream, contributing to key elements of metabolic syndrome, like high blood fat and triglycerides, high total cholesterol, and low HDL "good" cholesterol.<sup>46</sup>

60. A study of more than 6,000 participants in the Framingham Heart Study found those who consumed more than 1 soft drink per day had a 25% greater risk of hypertriglyceridemia, and 32% greater risk of low HDL cholesterol than those who consumed less than 1 soft drink per day.<sup>47</sup>

61. A systematic review and meta-analysis of 37 randomized controlled trials concerning the link between sugar intake and blood pressure and lipids found that higher sugar intakes, compared to lower

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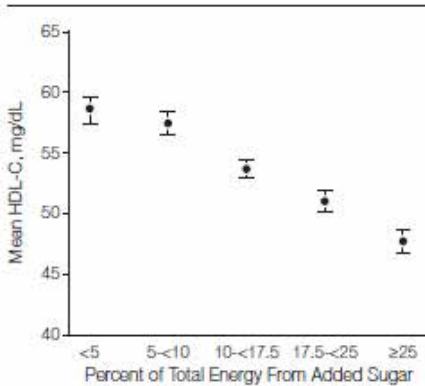
<sup>46</sup> Te Morenga, Dietary Sugars & Body Weight, *supra* n.7.

<sup>47</sup> Dhingra, Cardiometabolic Risk, *supra* n.11.

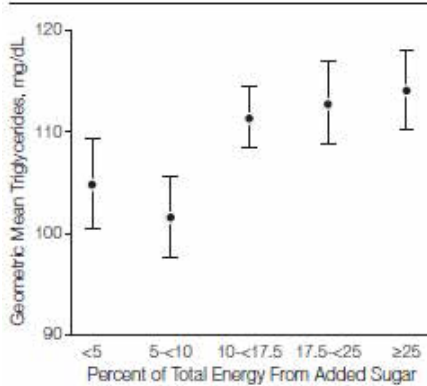
sugar intakes, significantly raised triglyceride concentrations, total cholesterol, and low density lipoprotein cholesterol.<sup>48</sup>

62. A cross-sectional study among more than 6,100 U.S. adults from the NHANES 1999-2006 data were grouped into quintiles for sugar intake as follows: (1) less than 5% of calories consumed from sugar, (2) 5% to less than 10%, (3) 10% to less than 17.5%, (4) 17.5% to less than 25%, and (5) 25% or more. These groups had the following adjusted mean HDL levels (because HDL is the “good” cholesterol, higher levels are better): 58.7 mg/dL, 57.5, 53.7, 51.0, and 47.7. Mean triglyceride levels were 105 mg/dL, 102, 111, 113, and 114. Mean LDL levels were 116 mg/dL, 115, 118, 121, and 123 among women, with no significant trend among men. Consumers whose sugar intake accounted for more than 10% of calories had a 50% - 300% higher risk of low HDL levels compared to those who consumed less than 5% of calories from sugar. Likewise, high-sugar consumers had greater risk of high triglycerides. All relationships were linear as demonstrated in the charts below.<sup>49</sup>

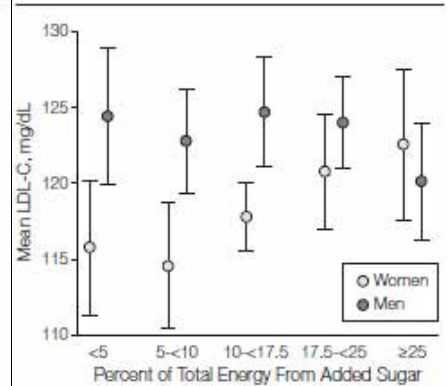
**Figure 1.** Multivariable-Adjusted Mean HDL-C Levels by Level of Added Sugar Intake Among US Adults, NHANES 1999-2006



**Figure 2.** Multivariable-Adjusted Geometric Mean Triglyceride Levels by Level of Added Sugar Intake Among US Adults, NHANES 1999-2006



**Figure 3.** Multivariable-Adjusted Mean LDL-C Levels by Level of Added Sugar Intake Among US Men and Women, NHANES 1999-2006



<sup>48</sup> Te Morenga, L., et al., “Dietary sugars and cardiometabolic risk: systematic review and meta-analyses of randomized controlled trials on the effects on blood pressure and lipids,” *American Journal of Clinical Nutrition*, Vol. 100, No. 1, 65-79 (May 7, 2014).

<sup>49</sup> Welsh, J.A., et al., “Caloric Sweetener Consumption and Dyslipidemia Among US Adults,” *Journal of the American Medical Association*, Vol. 303, No. 15, 1490-97 (April 21, 2010).

63. One experimental study showed that, when a 17% fructose diet was provided to healthy men, they showed an increase in plasma triacylglycerol concentrations of 32%.<sup>50</sup>

64. Another 10-week experimental feeding study showed that those who were fed 25% of their energy requirements as fructose experienced increases in LDL cholesterol, small dense LDL cholesterol, and oxidized LDL cholesterol, as well as increased concentrations of triglycerides and total cholesterol, while those fed a 25% diet of glucose did not experience the same adverse effects.<sup>51</sup>

65. In a cross-sectional study of normal weight and overweight children aged 6-14, researchers found that “the only dietary factor that was a significant predictor of LDL particle size was total fructose intake.”<sup>52</sup>

### **G. Juice Consumption is Associated with Increased Risk of Hypertension**

66. An analysis of the NHANES data for more than 4,800 adolescents also showed a positive, linear association between sugar-sweetened beverages and higher systolic blood pressure, as well as corresponding increases in serum uric acid levels.<sup>53</sup>

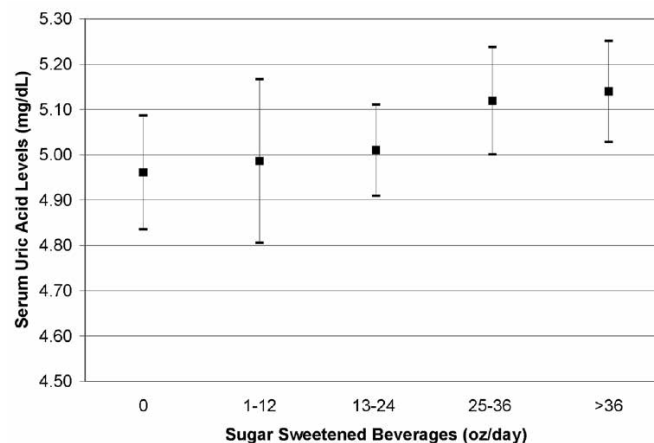


Figure 1.  
Sample mean of serum uric acid with 95% confidence intervals by categories of sugar sweetened beverage consumption adjusted for age, race/ethnicity, sex, total calories, BMI z-score, alcohol, smoking, dietary fiber intake, diet beverage consumption, and milk consumption. *P* for trend = 0.01

<sup>50</sup> Bantle, J.P., et al., “Effects of dietary fructose on plasma lipids in healthy subjects,” *American Journal of Clinical Nutrition*, Vol. 72, 1128-34 (2000).

<sup>51</sup> Stanhope, K.L., et al., “Consuming fructose-sweetened, not glucose-sweetened, beverages increases visceral adiposity and lipids and decreases insulin sensitivity in overweight/obese humans,” *The Journal of Clinical Investigation*, Vol. 119, No. 5, 1322-34 (May 2009).

<sup>52</sup> Aeberli, I., et al., “Fructose intake is a predictor of LDL particle size in overweight schoolchildren,” *American Journal of Clinical Nutrition*, Vol. 86, 1174-78 (2007).

<sup>53</sup> Nguyen, S., et al., “Sugar Sweetened Beverages, Serum Uric Acid, and Blood Pressure in Adolescents,” *Journal of Pediatrics*, Vol. 154, No. 6, 807-13 (June 2009).



67. In one study, 15 healthy men drank 500 ml water containing either no sugar, 60 grams of fructose, or 60 grams of glucose. Blood pressure, metabolic rate, and autonomic nervous system activity were measured for 2 hours. While the administration of fructose was associated with an increase in both systolic and diastolic blood pressure, blood pressure did not rise in response to either water or glucose ingestion, as demonstrated in the chart below.<sup>54</sup>

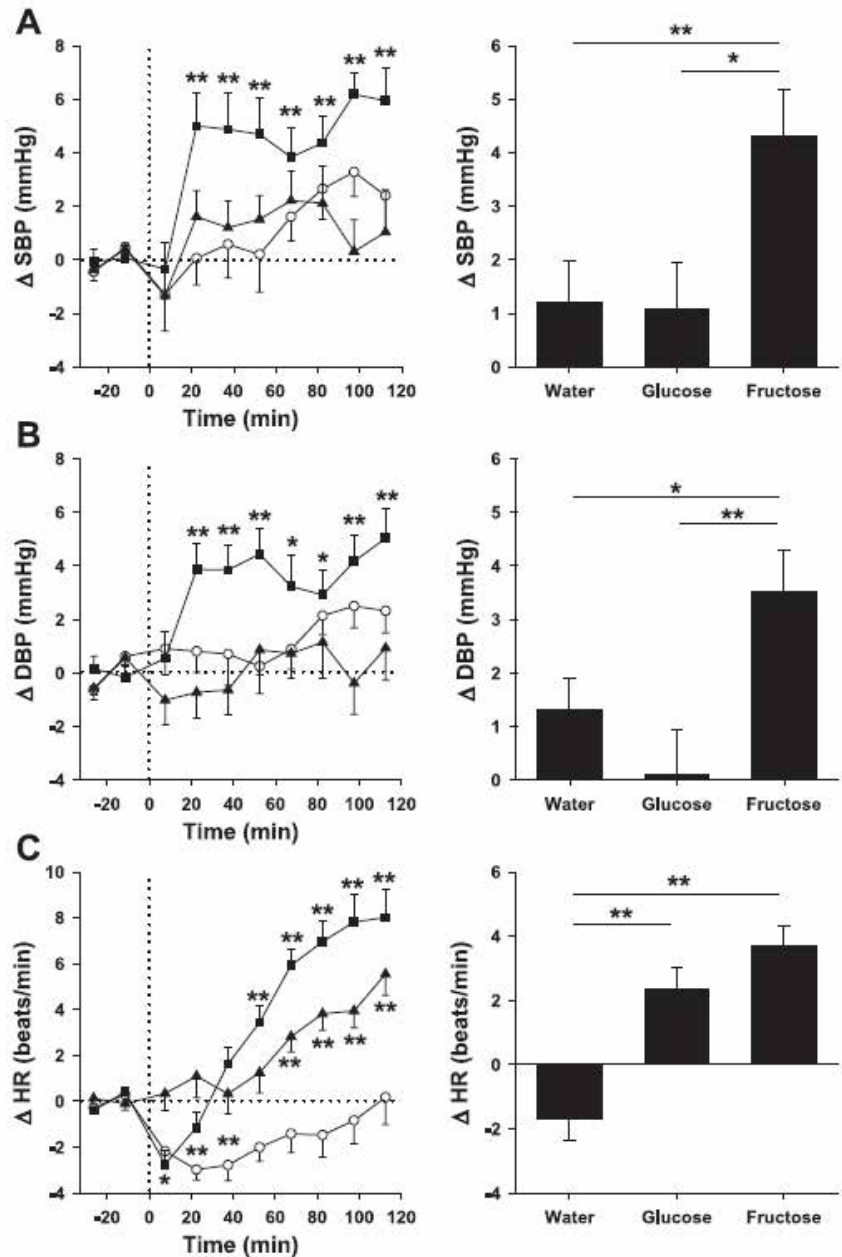


Fig. 1. Time course of the systolic blood pressure (SBP; A), diastolic blood pressure (DBP; B), and heart rate (HR; C) changes (left) and mean responses (right) to drinking water (○), glucose (▲), and fructose (■). \* $p < 0.05$  and \*\* $p < 0.01$ , statistically significant differences over time from baseline values (left) and differences between responses to the drinks (right).

<sup>54</sup> Brown, C.M., et al., "Fructose ingestion acutely elevates blood pressure in healthy young humans," *Am. J. Physiol. Regul. Integr. Comp. Physiol.*, Vol. 294, R730-37 (2008).



68. In another study, more than 40 overweight men and women were supplemented for 10 weeks with either sucrose or artificial sweeteners. The sucrose group saw an increase in systolic and diastolic blood pressure, of 3.8 and 4.1 mm Hg, respectively, while the artificial sweetener group saw a decrease in systolic and diastolic blood pressure, of 3.1 and 1.2 mm Hg, respectively.<sup>55</sup>

69. Another study took a variety of approaches to measuring the association between sugar intake and blood pressure, concluding that an increase of 1 serving of sugar-sweetened beverages per day (*i.e.*, 140-150 calories, and 35-37.5 grams of sugar) was associated with systolic/diastolic blood pressure differences of +1.6 and +0.8 mm Hg (and +1.1/+0.4 mm Hg with adjustment for height and weight), while an increase of 2 servings results in systolic/diastolic blood pressure differences of +3.4/+2.2, demonstrating that the relationship is direct and linear.<sup>56</sup>

#### **H. The Consumption of Juice is Associated with Increased All-Cause Mortality**

70. In a cohort study of 13,440 black and white adults 45 years and older, observed for a mean of 6 years, each additional 12-oz serving per day of fruit juice was associated with a 24% higher all-cause mortality risk. This was significantly higher than the increased risk associated with *all* sugary beverages, including sugar-sweetened beverages like soda, which was 11% for each additional 12-oz serving per day. The researchers from Emory University, University of Alabama, and the Weill Cornell Medical College concluded their findings “suggest that consumption of sugary beverages, including fruit juices, is associated with all-cause mortality.”<sup>57</sup>

#### **I. Because of the Compelling Evidence that Consuming Juice is Unhealthy, Authoritative Bodies Recommend Limiting its Consumption**

71. The American Academy of Pediatrics (AAP) suggests limiting juice consumption to no more than 4 to 6 ounces for young children aged 1 to 6,<sup>58</sup> and no more than 8 fluid ounces for children 7 to 18

<sup>55</sup> Raben, Sucrose vs. Artificial Sweeteners, *supra* n.45.

<sup>56</sup> Brown, I.J., et al., “Sugar-Sweetened Beverage, Sugar Intake of Individuals, and Their Blood Pressure: International Study of Macro/Micronutrients and Blood Pressure,” *Hypertension*, Vol. 57, 695-701 (2011).

<sup>57</sup> Collin, L.J., et al., “Association of Sugary Beverage Consumption With Mortality Risk in US Adults: A Secondary Analysis of Data From the REGARDS Study,” *JAMA Network Open* Vol. 2, No. 5 (May 2019).

<sup>58</sup> Am. Academy of Pediatrics, “Healthy Children, Fit Children: Answers to Common Questions From Parents About Nutrition and Fitness.” (2011).

years of age, as well as adults.<sup>59</sup> In addition, both the AAP and Dietary Guidelines for Americans recommend that children consume whole fruit in place of juice.<sup>60</sup>

72. The most recent Dietary Guidelines for Americans states that “[t]he amounts of fruit juice allowed in the USDA Food Patterns for young children align with the recommendation from the American Academy of Pediatrics that young children consume no more than 4 to 6 fluid ounces of 100% fruit juice per day.”<sup>61</sup>

73. The World Health Organization recommends that no more than 10% of an adult’s calories, and ideally less than 5%, come from free or added sugar, or from natural sugars in honey, syrups, and fruit juice.

**IV. CAMPBELL’S REPRESENTATIONS THAT THE JUICES “BOOST YOUR MORNING NUTRITION,” AND CAMPBELL’S OMISSIONS OF MATERIAL FACTS IT WAS OBLIGATED TO DISCLOSE, ARE FALSE AND MISLEADING**

74. For more than four years preceding the filing of this Complaint and continuing today, Campbell has sold and continues to sell the Juice Blends on a nationwide basis, including in California.

75. The standard serving size for the Juice Blends is 8 fl. oz.<sup>62</sup> Each serving, depending on flavor, contain between 10 and 28 grams of sugar, contributing between 67% and 93% of its calories.

76. Because scientific evidence demonstrates that, due to its high free sugar content, juice consumption is associated with increased risk of metabolic disease, cardiovascular disease, type 2 diabetes, liver disease, obesity, high blood triglycerides and cholesterol, hypertension, and all-cause mortality,

<sup>59</sup> Heyman, M.B., et al., “Fruit Juice in Infants, Children, and Adolescents: Current Recommendations.” *Pediatrics* Vol. 139, No. 6 (June 2017).

<sup>60</sup> *Id.*; see also Auerbach, B.J., et al., “Review of 100% Fruit Juice and Chronic Health Conditions: Implications for Sugar-Sweetened Beverage Policy.” *Adv. Nutr.*, Vol. 9, pp. 78-85 (2018).

<sup>61</sup> U.S. Dep’t of Health & Human Servs. and U.S. Dept. of Agric., “Dietary Guidelines for Americans 2015 – 2020,” at 22 (8th ed.), available at [https://health.gov/sites/default/files/2019-09/2015-2020\\_Dietary\\_Guidelines.pdf](https://health.gov/sites/default/files/2019-09/2015-2020_Dietary_Guidelines.pdf).

<sup>62</sup> Eight ounces is also the FDA-promulgated Reference Amount Customarily Consumed (RACC) for juice. 81 Fed. Reg. 34,000 (May 27, 2016). RACC’s reflect amounts of food customarily consumed per eating occasion and are derived from data from the United States department of Agriculture’s Nationwide Food Consumption Survey and the National Health and Nutrition Examination Survey (NHANES).

Campbell’s representation that the Juice Blends “Boost Your Morning Nutrition” is false, or at least highly misleading.

77. Because the scientific evidence demonstrates that consumption of juice is associated with increased risk of cardiovascular disease, increased risk of type 2 diabetes (a risk factor for cardiovascular disease), other risk factors for cardiovascular disease, and all-cause mortality, Campbell naming one of its Juice Blend flavors “healthy greens” is also false or at least highly misleading.

78. While representing that the Juice Blends will “BOOST YOUR MORNING NUTRITION” (or naming a flavor “healthy greens”), Campbell regularly and intentionally omits material information regarding the dangers of the free sugars in the Juice Blends. Campbell is under a duty to disclose this information to consumers because (a) Campbell is revealing some information about its Juice Blends—enough to suggest they are healthy or beneficial to health—without revealing additional material information, (b) Campbell’s deceptive omissions concern human health, and specifically the detrimental health consequences of consuming its Juice Blends, (c) Campbell was in a superior position to know of the dangers presented by the sugars in its juices, as it is a food company whose business depends upon food science and policy, and (d) Campbell actively concealed material facts not known to Plaintiffs and the Class.

## **V. THE JUICE BLENDS’ LABELING VIOLATES STATE AND FEDERAL REGULATIONS**

79. The Juice Blends and their challenged labeling statements violate California Health and Safety Code §§109875, *et. seq.* (the “Sherman Law”), which has expressly adopted the federal food labeling requirements as its own. *See e.g., id.* § 110100, *id.* § 110670 (“Any food is misbranded if its labeling does not conform with the requirements for nutrition labeling as set forth in Section 403(r) (21 U.S.C. Sec. 343(r)) of the federal act and the regulation adopted pursuant thereto.”).

80. First, the challenged claims are false and misleading for the reasons described herein, in violation of 21 U.S.C. § 343(a), which deems misbranded any food whose “label is false or misleading in any particular.” Campbell accordingly also violated California’s parallel provision of the Sherman Law. *See* Cal. Health & Safety Code § 110670.

81. Second, despite making the challenged claims, Campbell “fail[ed] to reveal facts that are material in light of other representations made or suggested by the statement[s], word[s], design[s], device[s], or any combination thereof,” in violation of 21 C.F.R. § 1.21(a)(1). Such facts include the

detrimental health consequences of consuming the Juice Blends at typical levels, including increased risk of metabolic disease, cardiovascular disease, type 2 diabetes, liver disease, obesity, high blood triglycerides and cholesterol, hypertension, and death.

82. Third, Campbell failed to reveal facts that were “[m]aterial with respect to the consequences which may result from use of the article under” both “[t]he conditions prescribed in such labeling,” and “such conditions of use as are customary or usual,” in violation of § 1.21(a)(2). Namely, Campbell failed to disclose the increased risk of serious chronic disease and death that is likely to result from the usual consumption of the Juice Blends in the customary and prescribed manners.

## **VII. Plaintiffs’ Purchase, Reliance, and Injury**

83. As best he can recall, Mr. Banta Yoshida purchased Campbell’s Juice Blends, including at least the Healthy Greens, Caribbean Greens, Carrot Mango, and Orange Carrot flavors, at various times during the Class Period. Mr. Banta Yoshida recalls making his purchases at local stores in the Oakland, Berkeley, and San Francisco areas, including at his local Safeway, Whole Foods, and Co-op, each of which he regularly shops at. He most frequently shopped at, and purchased the Juice Blends from the Safeway on College Avenue in Oakland, and from the Whole Foods on Telegraph Avenue in Berkeley.

84. In purchasing the Juice Blends, Mr. Banta Yoshida was exposed to, read, and relied upon Campbell’s labeling claims that were intended to appeal to consumers interested in health and nutrition. Specifically, to the best of his recollection, when deciding to purchase the Juice Blends, Mr. Banta Yoshida at various times read and relied on at least the “Boost Your Morning Nutrition” and “Healthy Greens” statements on the products’ packaging.

85. Mr. Banta Yoshida believed these claims regarding the healthfulness of the Juice Blends, which were and are deceptive because they convey that the Juice Blends are healthy and will not detriment health, despite that they contain high amounts of free sugar, rendering them unhealthy and likely to increase risk of disease when consumed regularly.

86. As best he can recall, Mr. Mancuso purchased Campbell’s Juice Blends, including at least the Strawberry Banana and Pomegranate Blueberry flavors, at various times during the Class Period. Mr. Mancuso recalls making his purchases at local stores like the Ralph’s and Target in Woodland Hills on Ventura Boulevard, both of which he regularly shops at.

1           87. In purchasing the Juice Blends, Mr. Mancuso was exposed to, read, and relied upon  
2 Campbell's labeling claims that were intended to appeal to consumers interested in health and nutrition.  
3 Specifically, to the best of his recollection, when deciding to purchase the Juice Blends, Mr. Mancuso at  
4 various times read and relied on the labeling representation, "Boost Your Morning Nutrition."

5           88. Mr. Mancuso believed this claim regarding the healthfulness of the Juice Blends, which was  
6 and is deceptive because it conveys that the Juice Blends are healthy and will not detriment health, despite  
7 that they contain high amounts of free sugar, rendering them unhealthy and likely to increase risk of disease  
8 when consumed regularly.

9           89. As best she can recall, Ms. Mistler purchased the Campbell's Juice Blends, in at least Berry  
10 Bliss and Healthy Greens flavors, during the Class Period. Ms. Mistler believes she purchased Campbell's  
11 Juice Blends from local stores including the Target located at 2005 Town Center Plaza in West Sacramento,  
12 California 95691, and the Walmart located at 755 Riverpoint Court in West Sacramento, California 95605.

13           90. In purchasing the Juice Blends, Ms. Mistler was exposed to, read, and relied upon Campbell's  
14 labeling claims that were intended to appeal to consumers interested in health and nutrition. Specifically, to  
15 the best of her recollection, when deciding to purchase the Juice Blends, at various times she read and relied  
16 on at least the "Boost Your Morning Nutrition" and "Healthy Greens" statements on the packaging.

17           91. Ms. Mistler believed these claims regarding the healthfulness of the Juice Blends, which  
18 were and are deceptive because they convey that the Juice Blends are healthy and will not detriment health,  
19 despite that they contain high amounts of free sugar, rendering them unhealthy and likely to increase risk of  
20 disease when consumed regularly.

21           92. When purchasing the Juice Blends, Plaintiffs were seeking beverages that were healthy to  
22 consume, that is, whose regular consumption would not increase risk of disease.

23           93. The health and wellness representations on the Juice Blends' packaging, however, were  
24 misleading, and had the capacity, tendency, and likelihood to confuse or confound Plaintiffs and other  
25 consumers acting reasonably because, as described in detail herein, the Juice Blends are not healthy but  
26 instead are beverages of a type that increase the risk of disease when regularly consumed.

27           94. Plaintiffs are not nutritionists, food experts, or food scientists, but rather lay consumers who  
28 did not have the specialized knowledge that Campbell had regarding the nutrients present in its Juice Blends.

1 At the time of purchase, Plaintiffs were unaware of the extent to which consuming high amounts of free  
2 sugar adversely affects blood cholesterol levels and increases risk of metabolic disease, liver disease, heart  
3 disease, diabetes, and other morbidity, or what amount of free sugar might have such an effect.

4 95. The average and reasonable consumer is unaware of the extent to which consuming high  
5 amounts of free sugar adversely affects blood cholesterol levels and increases risk of disease, or what  
6 amount of free sugar might have such an effect.

7 96. Plaintiffs acted reasonably in relying on Campbell's wellness labeling claims, which  
8 Campbell intentionally placed on the Juice Blends' labeling with the intent to induce average consumers  
9 into purchasing the Juice Blends.

10 97. Plaintiffs would not have purchased the Juice Blends or would not have been willing to pay  
11 as much if they knew that the challenged labeling claims were false and misleading in that the Juice Blends  
12 were not as healthy as represented.

13 98. The Juice Blends cost more than similar products without misleading labeling, and would  
14 have cost less absent the false and misleading statements and omissions.

15 99. Through the misleading labeling claims and omissions, Campbell was able to gain a greater  
16 share of the juice market than it would have otherwise and also increased the size of the market.

17 100. Plaintiffs paid more for the Juice Blends, and would only have been willing to pay less, or  
18 unwilling to purchase the Juice Blends at all, absent the false and misleading labeling complained of herein.

19 101. Plaintiffs would not have purchased the Juice Blends if they had known that the Juice Blends  
20 are misbranded pursuant to California and FDA regulations or that their claims were false or misleading.

21 102. For these reasons, the Juice Blends were worth less than what Plaintiffs and the Class paid  
22 for them.

23 103. Instead of receiving products that had actual healthful qualities, the Juice Blends Plaintiffs  
24 and the Class received were of the type that increase risk of disease when consumed regularly.

25 104. Plaintiffs and the Class lost money as a result of Campbell's deceptive claims, omissions,  
26 and practices in that they did not receive what they paid for when purchasing the Juice Blends.

27 105. Plaintiffs continue to desire to purchase healthy beverages, and continue to see the Juice  
28 Blends at stores when they shop.



106. Plaintiffs would purchase the Juice Blends in the future if they were in fact healthy as represented, but unless Campbell is enjoined in the manner Plaintiffs request, they may not be able to reasonably determine whether the Juice Blends have been reformulated to conform to the misleading claims or whether Campbell has continued to misrepresent the healthfulness of the Juice Blends.

107. Plaintiffs would likely purchase the Juice Blends if they could trust that the health and wellness claims were not false or misleading, but absent an injunction, Plaintiffs will be unable to trust the representations on the Juice Blends when they encounter them in the marketplace.

108. Plaintiffs' substantive right to a marketplace free of fraud, where they are entitled to rely on representations such as those made by Campbell with confidence, continues to be violated every time Plaintiffs are exposed to the misleading labeling claims.

109. Accordingly, Plaintiffs' legal remedies are inadequate to prevent these future injuries.

### **CLASS ACTION ALLEGATIONS**

110. While reserving the right to redefine or amend the class definition prior to or as part of a motion seeking class certification, pursuant to Federal Rule of Civil Procedure 23, Plaintiffs seek to represent a class of all persons in California who, at any time from four years preceding the date of the filing of this Complaint to the time a class is notified (the "Class Period"), purchased, for personal or household use, and not for resale or distribution, any of the Juice Blends (the "Class").

111. The members in the proposed Class are so numerous that individual joinder of all members is impracticable, and the disposition of the claims of all Class Members in a single action will provide substantial benefits to the parties and Court.

112. Questions of law and fact common to Plaintiffs and the Class include:

- a. whether Defendant communicated a message regarding the healthfulness of the Juice Blends through the challenged labeling;
- b. whether that message was material;
- c. whether the challenged claims identified herein are false, misleading, or likely to deceive a reasonable consumer;
- d. whether Defendant's conduct violates public policy;
- e. whether Defendant's conduct constitutes violations of the laws asserted herein;

- f. whether Defendant engaged in false or misleading advertising;
- g. whether Defendant breached warranties;
- h. whether Plaintiffs and Class Members are entitled to declaratory and injunctive relief;
- and
- i. whether Plaintiffs and Class Members are entitled to actual damages, restitution, punitive damages, attorneys' fees and costs, injunctive, and the amount of each or any other relief.

113. These common questions of law and fact predominate over questions that affect only individual Class Members.

114. Plaintiffs' claims are typical of Class Members' claims because they are based on the same underlying conduct by Defendant. Specifically, all Class Members, including Plaintiffs, were subjected to the same misleading and deceptive conduct when they purchased the challenged Juice Blends and suffered economic injury because the Juice Blends are misrepresented. Absent Defendant's business practice of deceptively and unlawfully labeling its Juice Blends, Plaintiffs and Class Members would not have purchased the Juice Blends or only would have been willing to pay less.

115. Plaintiffs will fairly and adequately represent and protect the interests of the Class, have no interests incompatible with the interests of the Class, and have retained counsel competent and experienced in class action litigation.

116. Class treatment is superior to other options for resolution of the controversy because the relief sought for each Class Member is small such that, absent representative litigation, it would be infeasible for Class Members to redress the wrongs done to them.

117. Questions of law and fact common to the Class predominate over any questions affecting only individual Class Members.

118. Defendant has acted on grounds applicable to the Class, thereby making appropriate final injunctive and declaratory relief concerning the Class as a whole.

119. As a result of the foregoing, class treatment is appropriate under Fed. R. Civ. P. 23(a), (b)(2), and (b)(3).

**CAUSES OF ACTION**

**FIRST CAUSE OF ACTION**

**Violations of the Unfair Competition Law, Cal. Bus. & Prof. Code §§ 17200 *et seq.***

120. Plaintiffs reallege and incorporate the allegations elsewhere in the Complaint as if set forth in full herein.

121. The UCL prohibits any “unlawful, unfair or fraudulent business act or practice.” Cal. Bus. & Prof. Code §17200.

122. The acts, omissions, misrepresentations, practices, and non-disclosures of Campbell as alleged herein constitute business acts and practices.

**Fraudulent**

123. A statement or practice is fraudulent under the UCL if it is likely to deceive the public, applying an objective reasonable consumer test.

124. As set forth herein, Campbell’s claims and omissions relating to the Juice Blends are likely to deceive reasonable consumers and the public.

**Unlawful**

125. The acts alleged herein are “unlawful” under the UCL in that they violate at least the following laws:

- The Federal Food, Drug, and Cosmetic Act, 21 U.S.C. §§ 301 *et seq.*
- The False Advertising Law, Cal. Bus. & Prof. Code §§ 17500 *et seq.*;
- The Consumers Legal Remedies Act, Cal. Civ. Code §§ 1750 *et seq.*; and
- The California Sherman Food, Drug, and Cosmetic Law, Cal. Health & Safety Code §§ 110100 *et seq.*

**Unfair**

126. Campbell’s conduct with respect to the labeling, advertising, and sale of the Juice Blends was unfair because Campbell’s conduct was immoral, unethical, unscrupulous, or substantially injurious to consumers, and the utility of its conduct, if any, does not outweigh the gravity of the harm to its victims.

127. Campbell’s conduct with respect to the labeling, advertising, and sale of the Juice Blends was and is also unfair because it violates public policy as declared by specific constitutional, statutory or

1 regulatory provisions, including but not necessarily limited to the False Advertising Law, portions of the  
 2 Federal Food, Drug, and Cosmetic Act, and portions of the California Sherman Food, Drug, and Cosmetic  
 3 Law.

4 128. Campbell's conduct with respect to the labeling, advertising, and sale of the Juice Blends  
 5 was and is also unfair because the consumer injury was substantial, not outweighed by benefits to consumers  
 6 or competition, and not one consumers themselves could reasonably have avoided. Specifically, the increase  
 7 in profits obtained by Campbell's through the misleading labeling does not outweigh the harm to Class  
 8 Members who were deceived into purchasing the Juice Blends believing they were healthy when in fact  
 9 they are of the type that is likely to detriment health.

10 129. Campbell's profited from the sale of the falsely, deceptively, and unlawfully advertised  
 11 Products to unwary consumers.

12 130. Plaintiffs and Class Members are likely to continue to be damaged by Campbell's deceptive  
 13 trade practices, because Campbell continues to disseminate misleading information. Thus, injunctive relief  
 14 enjoining Campbell's deceptive practices is proper.

15 131. Campbell's conduct caused and continues to cause substantial injury to Plaintiffs and other  
 16 Class Members. Plaintiffs have suffered injury in fact as a result of Campbell's unlawful conduct.

17 132. In accordance with Bus. & Prof. Code § 17203, Plaintiffs seek an order enjoining Campbell  
 18 from continuing to conduct business through unlawful, unfair, and/or fraudulent acts and practices, and to  
 19 commence a corrective advertising campaign.

20 133. Plaintiffs and the Class also seek an order for the restitution of all monies from the sale of  
 21 the Juice Blends, which were unjustly acquired through acts of unlawful competition.

22 134. Because Plaintiffs' claims under the "unfair" prong of the UCL sweep more broadly than  
 23 their claims under the FAL, CLRA, or UCL's "fraudulent" prong, Plaintiffs' legal remedies are inadequate  
 24 to fully compensate Plaintiffs for all of Campbell's challenged behavior.

25 135. Because the Court has broad discretion to award restitution under the UCL and could, when  
 26 assessing restitution under the UCL, apply a standard different than that applied to assessing damages under  
 27 the CLRA or commercial code (for Plaintiffs' breach of warranty claims), and restitution is not limited to  
 28 returning to Plaintiffs and class members monies in which they have an interest, but more broadly serves to

deter the offender and others from future violations, the legal remedies available under the CLRA and commercial code are more limited than the equitable remedies available under the UCL, and are therefore inadequate.

## SECOND CAUSE OF ACTION

### **Violations of the False Advertising Law, Cal. Bus. & Prof. Code §§ 17500 *et seq.***

136. Plaintiffs realleges and incorporate the allegations elsewhere in the Complaint as if set forth in full herein.

137. The FAL provides that “[i]t is unlawful for any person, firm, corporation or association, or any employee thereof with intent directly or indirectly to dispose of real or personal property or to perform services” to disseminate any statement “which is untrue or misleading, and which is known, or which by the exercise of reasonable care should be known, to be untrue or misleading.” Cal. Bus. & Prof. Code § 17500.

138. It is also unlawful under the FAL to disseminate statements concerning property or services that are “untrue or misleading, and which is known, or which by the exercise of reasonable care should be known, to be untrue or misleading.” *Id.*

139. As alleged herein, the advertisements, labeling, policies, acts, and practices of Campbell relating to the Juice Blends misled consumers acting reasonably as to the healthfulness of the Juice Blends.

140. Plaintiffs suffered injury in fact as a result of Campbell’ actions as set forth herein because Plaintiffs purchased the Juice Blends in reliance on Campbell’ false and misleading marketing claims stating or suggesting that the Juice Blends, among other things, are healthful.

141. Campbell’ business practices as alleged herein constitute unfair, deceptive, untrue, and misleading advertising pursuant to the FAL because Campbell has advertised the Juice Blends in a manner that is untrue and misleading, which Campbell knew or reasonably should have known, and omitted material information from the Juice Blends’ labeling.

142. Campbell profited from the sale of the falsely and deceptively advertised Juice Blends to unwary consumers.

143. As a result, Plaintiffs, the Class, and the general public are entitled to injunctive and equitable relief, restitution, and an order for the disgorgement of the funds by which Campbell was unjustly enriched.

144. Pursuant to Cal. Bus. & Prof. Code § 17535, Plaintiffs, on behalf of themselves and the Class, seek an order enjoining Campbell from continuing to engage in deceptive business practices, false advertising, and any other act prohibited by law, including those set forth in this Complaint.

145. Because the Court has broad discretion to award restitution under the FAL and could, when assessing restitution under the FAL, apply a standard different than that applied to assessing damages under the CLRA or commercial code (for Plaintiffs' breach of warranty claims), and restitution is not limited to returning to Plaintiffs and class members monies in which they have an interest, but more broadly serves to deter the offender and others from future violations, the legal remedies available under the CLRA and commercial code are more limited than the equitable remedies available under the FAL, and are therefore inadequate.

### THIRD CAUSE OF ACTION

#### **Violations of the Consumers Legal Remedies Act, Cal. Civ. Code §§ 1750 *et seq.***

146. Plaintiffs reallege and incorporate the allegations elsewhere in the Complaint as if set forth in full herein.

147. The CLRA prohibits deceptive practices in connection with the conduct of a business that provides goods, property, or services primarily for personal, family, or household purposes.

148. Campbell's false and misleading labeling and other policies, acts, and practices were designed to, and did, induce the purchase and use of the Juice Blends for personal, family, or household purposes by Plaintiffs and Class Members, and violated and continue to violate the following sections of the CLRA:

- a. § 1770(a)(5): representing that goods have characteristics, uses, or benefits which they do not have;
- b. § 1770(a)(7): representing that goods are of a particular standard, quality, or grade if they are of another;
- c. § 1770(a)(9): advertising goods with intent not to sell them as advertised; and
- d. § 1770(a)(16): representing the subject of a transaction has been supplied in accordance with a previous representation when it has not.



149. Campbell profited from the sale of the falsely, deceptively, and unlawfully advertised Juice Blends to unwary consumers.

150. Campbell's wrongful business practices constituted, and constitute, a continuing course of conduct in violation of the CLRA.

151. Pursuant to California Civil Code § 1782, more than 30 days before filing this lawsuit, Plaintiffs sent written notice of their claims and Campbell's particular violations of the Act to Campbell by certified mail, return receipt requested, but Campbell has failed to implement remedial measures.

152. As a result, Plaintiffs and the Class have suffered harm, and therefore seek (a) actual damages resulting from purchases of the Juice Blends sold throughout the Class Period to all Class Members, (b) punitive damages, (c) injunctive relief in the form of modified advertising and a corrective advertising plan, (d) restitution, and (e) attorneys' fees and costs. *See* Cal. Civ. Code § 1782(d).

153. In compliance with Cal. Civ. Code § 1780(d), an affidavit of venue is filed concurrently herewith.

#### FOURTH CAUSE OF ACTION

##### **Breaches of Express Warranties, Cal. Com. Code § 2313(1)**

154. Plaintiffs reallege and incorporate the allegations elsewhere in the Complaint as if set forth in full herein.

155. Through the Juice Blends' labeling, Campbell made affirmations of fact or promises, or description of goods, that, *inter alia*, the Juice Blends are beneficial to health through the statements "Boost Your Morning Nutrition" and "Healthy Greens".

156. These representations were "part of the basis of the bargain," in that Plaintiffs and the Class purchased the Juice Blends in reasonable reliance on those statements. Cal. Com. Code § 2313(1).

157. Campbell breached its express warranties by selling Juice Blends that are not healthful, but rather contain high levels of free sugar that are likely to increase the risk of chronic diseases, and harm rather than promote bodily health.

158. That breach actually and proximately caused injury in the form of the lost purchase price that Plaintiffs and Class Members paid for the Juice Blends.

159. As a result, Plaintiffs seek, on behalf of themselves and other Class Members, their actual damages arising as a result of Campbell's breaches of express warranty, including, without limitation, expectation damages.

## FIFTH CAUSE OF ACTION

### Breach of Implied Warranty of Merchantability, Cal. Com. Code § 2314

160. Plaintiffs reallege and incorporate the allegations elsewhere in the Complaint as if set forth in full herein.

161. Campbell, through its acts set forth herein, in the sale, marketing, and promotion of the Juice Blends, made representations to Plaintiffs and the Class that, among other things, the Juice Blends promote overall health and wellness, specifically through the labeling promises listed in paragraphs 17 and 18.

162. Campbell is a merchant with respect to the goods of this kind which were sold to Plaintiffs and the Class, and there was, in the sale to Plaintiffs and other consumers, an implied warranty that those goods were merchantable in that they conformed to the promises on the labeling.

163. However, Campbell breached that implied warranty in that the Juice Blends are not healthful, but are generally harmful to health, as set forth in detail herein.

164. As an actual and proximate result of Campbell's conduct, Plaintiffs and the Class did not receive goods as impliedly warranted by Campbell to be merchantable in that they did not conform to promises and affirmations made on the container or label of the goods.

165. As a result, Plaintiffs seek actual damages, including, without limitation, expectation damages.

## PRAYER FOR RELIEF

166. Wherefore, Plaintiffs, on behalf of themselves, all others similarly situated, and the general public, pray for judgment against Campbell as to each and every cause of action, and the following remedies:

- a. An Order declaring this action to be a proper class action, appointing Plaintiffs as Class Representatives, and appointing Plaintiffs' undersigned counsel as Class Counsel;
- b. An Order requiring Campbell to bear the cost of Class Notice;
- c. An Order compelling Campbell to conduct a corrective advertising campaign;

i. Any other and further relief that Court deems necessary, just, or proper.

167. Plaintiffs hereby demand a trial by jury on all issues so triable.

/s/ Paul K. Joseph  
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# ClassAction.org

This complaint is part of ClassAction.org's searchable class action lawsuit database and can be found in this post: [V8 Juice Blends Not as Healthy as Advertised Given Sugar Content, Class Action Says](#)

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