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Benzene Levels In Drink Product Samples -Table 1:A

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Benzene Levels in Beverage Product Samples - Table 1:A

Notes on Table 1:A

1. n.d. = nondetect (below the limit of detection (LOD) described in note 3 below for each respective method).
2. The designation "reformulated" identifies those products that manufacturers have reformulated to reduce or eliminate benzene formation in response to recent reports that benzene has been found in some products.
3. For Method 1, the estimated limit of detection (LOD) is 0.2 ppb when benzene is determined with cryogenic focusing using the m/z 78 ion in the scan mode. For Method 2, the estimated LOD is 0.02 ppb when benzene is determined without cryogenic focusing using the m/z 78 ion in the SIM mode.
4. Confirmation of benzene identity on the basis of ions m/z 78, 77, and 51, provides a higher degree of certainty that benzene was present in a sample. Ion ratios of m/z 77 divided by m/z 78 and m/z 51 divided by m/z 78 were used to confirm benzene identity. The ability to confirm benzene in soft drinks is matrix dependent and may be as low as 0.5 ppb or as high as 1.4 ppb.
5. The reportable limit of quantitation (LOQ) with confirmation is estimated to be approximately 1 ppb for benzene in beverages. Samples below this level but above the LOD were reported as <1 ppb; benzene may or may not be present in these samples (see note 4).
6. Multiple results reported for the same lot of a soft drink were usually obtained from a re-sampling of the same bottle at a later time.
7. Results indicate benzene levels measured on individual purchased beverages.
8. Samples were collected and analyzed by CFSAN except for reformulated samples that were provided by the manufacturer for

\$53 million verdict — brake mechanic suffering from mesothelioma

\$13.5 million verdict — one of the very first Vioxx trial cases

\$15 million settlement — man wound up a paraplegic due to negligent hospital care

\$37 million verdict — 2 asbestos lung cancer plaintiffs

\$47 million verdict — boilermaker who died from mesothelioma

\$75 million verdict — historic consolidated trial involving men who had worked at the Brooklyn Navy Yard in the 1940s and 1950s

\$12.7 million verdict — iron worker who was injured due to unsafe working conditions

\$64.65 million award — 4 asbestos plaintiffs

\$17.5 million — consolidated trial of 5 mesothelioma victims

\$25 million jury verdict — brake reliner

\$5.8 million settlement — failure to perform timely C-Section

\$30 million verdict — 7 former power-plant workers suffering from asbestos-related illnesses

\$6 million settlement — pediatric malpractice case

\$14 million consolidated verdict — 5 asbestos-related cancer suits: shipyards/powerhouses/construction

\$8 million settlement — obstetrical malpractice resulted in neurological deficits

\$3.5 million — 2 asbestos exposure cases

\$600,000 settlement — motor vehicle negligence resulting in serious injury

\$44 million verdict — 5 asbestos cases, including \$11.6 million awarded to widow of sheet metal worker who died of mesothelioma

\$1.6 million settlement — suicide after premature hospital discharge

\$2.6 million settlement — ill-fitting prosthesis caused decubitus ulcers

\$1.5 million settlement — construction worker fell off elevated train tracks

\$750,000 settlement — defective construction equipment resulted in serious injury to worker

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CFSAN to analyze.

Table 1:A - Benzene Levels in Beverage Product Samples

PRODUCT	FOUND, ppb	
	METHOD 1	METHOD 2
Safeway Select Diet Root Beer, lot 1	<1	
Safeway Select Diet Root Beer, lot 2	<1	
Safeway Select Diet Cola, lot 1	1.3	
Safeway Select Diet Cola, lot 2	<1	
Food Lion Caffeine Free Diet Cola with Splenda	1.1	
Diet Dr. Pepper	<1	
Diet Coke Sweetened with Splenda	<1	
Diet Coke	<1	
Diet Pepsi, lot 1	<1	
Diet Pepsi, lot 2	<1	
Diet Rite Cola	<1	
A&W Root Beer	n.d.	
Diet A&W Root Beer	n.d.	
Dr. Pepper	<1	
Diet Cherry Vanilla Dr. Pepper	<1	
Diet Pepsi Lime	n.d.	
Giant Diet Sun Pop Orange, lot 1	3.5	
Giant Diet Sun Pop Orange, lot 2		<1
Giant Diet Sun Pop Orange, lot 3		n.d.
Diet Sunkist Orange Soda, lot 1	<1	
Diet Sunkist Orange Soda, lot 2	n.d.	
Faygo Creme Soda	n.d.	
Faygo Orange	<1	
Sprite	<1	
Diet Sprite Zero	n.d.	
Canada Dry Ginger Ale	<1	
Squirt Citrus Burst	n.d.	
Diet Ruby Red Squirt Citrus Berry Burst	n.d.	
Diet Rite Tangerine Soda	n.d.	
Jones FuFu Berry Soda	<1	
Jones Sugar-Free Black Cherry Soda	n.d.	

Containing Benzoate Only	Canfield's Red Raspberry Sparkling Water Beverage	n.d.	<1
	Fanta Orange		n.d.
	Crush Orange		<1
	Safeway Select Clear Sugar Free Tropical Sparkling Water	n.d.	
	Nestea Cool Sweetened Lemon Iced Tea	n.d.	
	AquaCal Strawberry Flavored Water Beverage (reformulated)		n.d.
	AquaCal Peach Mango Flavored Water Beverage (reformulated)		n.d.
	American Fare Kiwi Strawberry Sparkling Water	n.d.	
	Canfield's Red Raspberry Sparkling Water		<1
	Fresca Sparkling Peach Citrus Flavored Soda*	n.d.	
	Diet 7-UP with Splenda*	n.d.	
	Fresca, Sparkling Citrus*		n.d.
	Minute Maid Lemonade*	<1	
	Minute Maid Pink Lemonade*	<1	

*Contains EDTA (a food ingredient used to promote flavor retention)

**Contains erythorbic acid (d-ascorbic acid, an isomer of vitamin C)

***May contain natural benzoic acid (benzoate)

† Manufacturer's warehoused reserve sample from this lot

If you or your family's health has been compromised, or if your property and/or surrounding environments have been contaminated by Benzene, you can file a Benzene lawsuit to fight back against the negligent polluters and hold them responsible for their actions. All you need to do is fill out the form below for a free case evaluation.

[Need immediate/urgent help? Click here.](#)

fill out to have us review your situation for free

Name	<input type="text"/>
E mail	<input type="text"/>
Phone Number	<input type="text"/>
Best time to call	<input type="text"/>
Were you exposed to benzene at work?	<input type="checkbox"/> yes <input type="checkbox"/> no

see also:

[Effect on the Consumer](#) ▶ [Benzene Soda Study - How it will effect the Consumer, You!](#)

[Soda with Excessive Levels of Benzene - Effect on Consumer](#)

[Benzene in Soft Drinks](#) ▶ [Benzene in Soft Drinks - You May Be At Risk!](#)

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