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13	SUPERIOR COURT OF CALIFORNIA		
14	COUNTY OF SAN FRANCISCO - UNLIMITED JURISDICTION		
15		Case No. CGC-03-421108	
16	IN RE VINEGAR LITIGATION	(consolidated with Nos. CGC-04-428945 and CGC-04-435440)	
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18		[PROPOSED] CONSENT JUDGMENT AS TO CERTAIN DEFENDANTS;	
19		ORDER	
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	[PROPOSED] CONSENT JUDGMENT AS TO CERTAIN DEFENDANTS		

1. <u>INTRODUCTION</u>

1.1 On June 5, 2003, February 20, 2004 and October 13, 2004, the Environmental Law Foundation ("ELF"), individually and on behalf of the general public, filed complaints for civil penalties, restitution and injunctive relief in San Francisco County Superior Court ("Court") in actions entitled, respectively, *Environmental Law Foundation v. Cost Plus, Inc.*, et. al., Case No. CGC-03-421108, *Environmental Law Foundation v. Borges USA Inc.*, et. al., Case No. 04-428945 and *Environmental Law Foundation v. Albeco, Inc.*, Case No. 04-4235440. On March 1, 2005, the Court consolidated these three actions, with *ELF v. Cost Plus* serving as the lead case. For purposes of this Consent Judgment, the term "Action" shall reference the consolidated actions identified above.

1.2 Borges USA, Inc., Colavita USA, L.L.C., H.J. Heinz Co., Lettieri & Co., Ltd., Mizkan Americas, Inc. (formerly known as Nakano Foods, Inc.), Rao's Specialty Foods, Inc., Sapori d'Italia, Inc., Source Atlantique, Incorporated, Spectrum Organic Products, Inc., Tree Of Life, Inc., and Vigo Importing Co. (collectively, "Supplier Defendants"); Albertsons, Inc., Raley's, Ralphs Grocery Company, Bell Markets, Cala Foods, Inc., The Kroger Company, Inter-American Foods, Inc., Safeway Inc., The Vons Companies, Wild Oats Markets, Inc., and Williams-Sonoma, Inc. (collectively, the "Retailer Defendants"; and, together with the Supplier Defendants, the "Settling Defendants") each sell Wine Vinegars to persons in the State of California and are defendants named in the complaints ("Complaints") filed in the actions listed in Section 1.1 of this Consent Judgment. In addition to the aforementioned companies, the

¹ Albertson's, Inc. was the subject of plaintiffs' 60 day notice and complaint in this matter. New Albertson's, Inc and Albertson's LLC are executing this consent judgment as the succeeding owners of Albertson's, Inc's California stores. Accordingly, New Albertson's, Inc and Albertson's LLC are Settling Defendants and Retailer Defendants hereunder. For New Albertson's, Inc and Albertson's LLC, the releases in this consent judgment apply only to the Albertson's, Inc stores they acquired, and any additional Albertson's stores these entities may open prior to entry of this judgment.

² The Liberty Richter division of Tree of Life, Inc. was erroneously named by the plaintiff as "Liberty Richter, Inc." in this Action; all of Tree of Life, Inc.'s various divisions, brands, and subsidiaries are Supplier Defendants and Settling Defendants hereunder. Spectrum Organic Products, Inc. was acquired by The Hain Celestial Group, Inc. after the filing of the Action and became a wholly owned subsidiary, Spectrum Organic Products, L.L.C. Sapori d'Italia, Inc. was named by ELF in its March 26, 2004 60-day notice letter and will be deemed to have been named in the Action concurrently with it becoming a Supplier Defendant and Settling Defendant upon the entry of this Consent Judgment; as set forth above, its parent, Domenico Manca S.p.A., is also becoming a Supplier Defendant and Settling Defendant hereunder. After originally being named by ELF in the Action, Rao's Specialty Foods, Inc., and Source Atlantique, Incorporated were previously dismissed from the Action, but based on their stipulation to the terms set forth herein, both will, concurrently with the entry of this Consent Judgment with the Court, nevertheless be deemed to have been renamed in the Action and to be Supplier Defendants and Settling Defendants hereunder.

individuals.

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contained in the Complaints and personal jurisdiction over the Settling Defendants as to the acts alleged in the Complaints, that venue is proper in the County of San Francisco and that this Court has jurisdiction to enter this Consent Judgment as a resolution of all claims which could have been raised in the Complaints based on the facts alleged therein. 1.5 Each Settling Defendant denies the allegations set forth in the Complaints.

following shall be deemed to have been named in this Action and to be full Supplier Defendants

and Settling Defendants hereunder as of January 15, 2007, provided that neither the California

Attorney General, a California District Attorney, or a City Attorney of a California city having a

65 with respect to lead in Wine Vinegar: Acetificio M. de Nigris s.r.l., Domenico Manca S.p.A.,

Italfoods, Inc., Monari Federzoni, S.p.A., Ponti, S.p.A., Toshi Vignola SRL, and World Finer

Foods, Inc. 4 For purposes of this Consent Judgment, the term "Wine Vinegar" shall mean any

vinegar that contains wine as a constituent, while the term "Red Wine Vinegar" shall mean any

and/or sold Wine Vinegar containing lead in an amount that resulted in an exposure to consumers

in violation of the provisions of Health and Safety Code §§ 25249.5 et seq. ("Proposition 65") and

Business & Professions Code §§ 17200 et seq. ("Unfair Competition Law") by knowingly and

reproductive toxicity, namely lead, without first providing a clear and reasonable warning to such

referred to as the "Parties"), stipulate that this Court has jurisdiction over allegations of violations

1.4 For purposes of this Consent Judgment only, ELF and Settling Defendants (hereafter

intentionally exposing persons to a chemical known to the State of California to cause

1.3 In its Complaints, ELF alleges that the Settling Defendants manufactured, distributed

balsamic vinegar and any vinegar that contains red wine as a constituent.

population exceeding 750,000 has filed a complaint against them alleging violations of Proposition

³ The date identified above represents the first day following the running of the notice period associated with the 60-day notice ELF issued to Acetificio M. de Nigris s.r.l., Domenico Manca S.p.A., Italfoods, Inc., Monari Federzoni, S.p.A., Ponti, S.p.A., Toshi Vignola SRL, and World Finer Foods, Inc. on November 14, 2006.

⁴ Taormina Sales Company, Inc. serves as the exclusive U.S. agent and distributor for Acetificio M. de Nigris s.r.l. and, as such, is among the intended beneficiaries of section 7.1 below.

1.6 For the purpose of avoiding prolonged litigation, the Parties enter into this Consent Judgment as a full settlement of all claims that were raised in the Complaints based on the facts alleged therein, or which could have been raised in the Complaints arising out of the facts alleged therein. By execution of this Consent Judgment, no Settling Defendant admits any violations of Proposition 65 or the Unfair Competition Law or any other law and specifically denies that it has committed any such violations and maintains that all Wine Vinegar products that it has sold and distributed in California have been and are in compliance with all laws. Nothing in this Consent Judgment shall be construed as an admission by any Settling Defendant of any fact, finding, conclusion, issue of law, or violation of law. However, this paragraph shall not diminish or affect the responsibilities and duties of the Parties under this Consent Judgment.

2. <u>CLEAR AND REASONABLE WARNINGS</u>

- 2.1 The only Wine Vinegars for which warnings are required under Proposition 65 are those Red Wine Vinegars that contain lead in excess of 34 parts per billion ("ppb"). Other Wine Vinegars shall not necessitate warnings for lead under Proposition 65.
- 2.2 Warning Standard For Retailer Defendants Selling Red Wine Vinegars. No later than ninety (90) days after entry of this Consent Judgment, each Retailer Defendant shall not sell or offer for sale in its California stores any Red Wine Vinegars that contain lead at levels that exceed 34 ppb unless warnings are given in accordance with Sections 2.2(a) or 2.2(b) of this Consent Judgment.
- a. <u>Shelf Warning</u>. A Retailer Defendant may provide a warning by placing a notice on the top shelf of each rack of shelves in its stores in California where Red Wine Vinegars are sold. The warning shall state:

"CALIFORNIA PROPOSITION 65 WARNING:

The Red Wine Vinegars and Balsamic Vinegars on this shelf contain lead, a chemical known to the State of California to cause birth defects or other reproductive harm."

or

"CALIFORNIA PROPOSITION 65 WARNING: The Red Wine Vinegars and Balsamic Vinegars on these shelves contain lead, a chemical known to the State of California to cause birth defects or other reproductive harm."

I	Each sign shall be no smaller than 2.25 inches x 5.5 inches, and the form and type shall be
2	substantially similar to that which is attached hereto as Exhibit A (hereinafter, the "Warning Sign").
3	(1) Any Wine Vinegar sold by a Retailer Defendant may be
4	sold on a shelf that utilizes warnings with the language as described above in paragraph 2.2(a)
5	unless (1) that Retailer Defendant has conducted testing in accordance with the testing requirements
6	referenced in paragraph 2.6 demonstrating that a particular Wine Vinegar contains lead in an
7	amount of 34 ppb or less, or (2) has received test data from a supplier from testing conducted in
8	accordance with the testing requirements referenced in paragraph 2.6 demonstrating that a particular
9	Wine Vinegar contains lead in an amount of 34 ppb or less.
10	(2) In the event that a Retailer Defendant has received test data
l 1	complying with paragraph 2.2(a)(1) and with the testing requirements referenced in paragraph 2.6
12	demonstrating that a particular Wine Vinegar contains lead in an amount less than 34 ppb, and a
13	Retailer Defendant intends to offer such vinegar for sale, the Retailer Defendant shall utilize the
۱4	procedures set forth in paragraph 2.6(a).
15	b. Product Labeling. A warning may be placed on the packaging, labeling or
16	directly to or on Red Wine Vinegar products by the Retailer Defendant (or someone on the Retailer
7	Defendant's behalf, including but not limited to its agents, or the manufacturers, importers or
18	distributors of the Red Wine Vinegars) that states:
9	"CAT HODAILA DD ODOGUTION (5 MY 1 DAY)
20	"CALIFORNIA PROPOSITION 65 WARNING: This product contains lead, a chemical known to the State of
21	California to cause birth defects or other reproductive harm."
22	(hereinafter, "Product Label Warnings"). Product Label Warnings shall be placed with such
23	conspicuousness as compared with other words, statements, designs and/or devices as to render it
24	likely to be read and understood by an ordinary individual under customary conditions of use or
25	purchase. Compliance with the size requirements established for wine label warnings at 27 C.F.R.
26	§ 16.22 shall be deemed to be compliance with the requirements of the preceding sentence.
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c. <u>Notice</u>: Within 60 days of the entry of this Consent Judgment, each Retailer Defendant shall provide in writing substantially the following notice to each of its suppliers of Wine Vinegar:⁵

"[Retailer Defendant] is a party to a Consent Judgment in the Superior Court of the State of California that requires [Retailer Defendant] to provide the following warning (the "Proposition 65 Warning") to purchasers of red wine and balsamic vinegars:

CALIFORNIA PROPOSITION 65 WARNING:

The Red Wine Vinegars and Balsamic Vinegars on these shelves contain lead, a chemical known to the State of California to cause birth defects and other reproductive harm.

The Proposition 65 Warning is not required for any red wine or balsamic vinegar that contains 34 ppb lead or less, as demonstrated by a required test protocol. If you believe that any red wine or balsamic vinegar supplied by you contains 34 ppb of lead or less and does not require a warning for this reason, and you wish to exempt any such vinegar from the warning requirement, please contact [Contact person at Retailer Defendant] to obtain a description of the test requirements and procedures that you must follow."

- 2.3 <u>Warning Standard For Supplier Defendants Selling Red Wine Vinegars</u>. No later than ninety (90) days after entry of this Consent Judgment, each Supplier Defendant shall not ship or offer to ship into California any Red Wine Vinegars that contain lead at levels that exceed thirty four (34) ppb unless warnings are given in accordance with Sections 2.3(a) or 2.3(b) of this Consent Judgment.
 - a. Each Supplier Defendant or an entity acting on its behalf may, free of charge, mail to the central purchasing office for distributors and retail stores with whom it transacts business for sale of Red Wine Vinegar which reasonably may be expected to offer such Red Wine Vinegar for sale in California ("In-State Distributors and Retailers"): (1) at

⁵ The notice required by this paragraph need not be given to a supplier who is a Supplier Defendant hereunder.

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least five copies of the Warning Sign, and (2) a letter explaining the warning program and providing posting instructions. The explanatory letter and posting instructions shall be in a form substantially equivalent to Exhibits B and C for In-State Distributors and Retailers respectively.

Beginning no later than one year and 90 days after entry of this Consent Judgment, each Supplier Defendant or an entity acting on its behalf shall, free of charge, at least annually, provide all In-State Distributors and Retailers to whom it previously sent the signs and instructions described in the preceding paragraph and with which it continues to do business involving the sale of Red Wine Vinegars, a written reminder, substantially in the form of Exhibit D, concerning the Warning Program required under this Consent Judgment and the need for compliance with Proposition 65 warning requirements concerning the sale in California of Red Wine Vinegars that contain lead in excess of the Warning Standard set forth above. The written reminder required by the preceding sentence may be provided by means of letter, postcard or email. Supplier Defendants shall have no initial or continuing obligations to provide Warning Signs, related materials, or annual reminders pursuant to this Section 2.3(a) to any In-State Distributor or Retailer to the extent that they have elected to address their compliance obligations vis-à-vis that In-State Distributor or Retailer in the manner prescribed by Section 2.3(b) below.

- Each Supplier Defendant or an entity acting on its behalf may place on b. the packaging, labeling, or directly onto a Red Wine Vinegar product, the Product Label Warning.
- Should any Supplier Defendant choose to sell Red Wine Vinegar to c. any California consumer directly at a retail store it owns or operates within the State of California, such Supplier Defendant will then be bound by the obligations set forth in Section 2.2 of this Consent Judgment.
- Any changes to the language or format of the warnings required under Section 2.2 2.4 and/or Section 2.3 shall be made only after Court approval or obtaining ELF's and the California Attorney General's office's approval. If any Settling Defendant requests a change in language or

format of the warnings and ELF does not respond to that request for at least 90 days, then that Settling Defendant may submit that request to the Attorney General with notice to ELF and may act upon subsequent receipt of the Attorney General's approval.

- 2.5 A Supplier Defendant may offer to ship for sale within California any Red Wine Vinegar without a warning following ninety (90) days after entry of this Consent Judgment if (1) that Supplier Defendant has conducted testing in accordance with the testing requirements referenced in paragraph 2.6 demonstrating that a particular Red Wine Vinegar contains lead in an amount of 34 ppb or less and otherwise complied with the requirements set forth in that paragraph, or (2) has received test data from a producer from testing conducted in according with the testing requirements referenced in paragraph 2.6 demonstrating that a particular Wine Vinegar contains lead in an amount of 34 ppb or less.
- 2.6 Testing shall be conducted by a testing laboratory with Environmental Laboratory Certification from the State of California, Department of Health Services, Environmental Laboratory Accreditation Program. Settling Defendant may rely on those test results so long as the facility that performed the tests confirms in writing that it utilized the testing protocol of Professor A. Russell Flegal, attached hereto as Exhibit E. As used in this Consent Judgment "34 ppb lead or less" means that 10 samples of each individual product have been tested in accordance with the requirements set forth in this Consent Judgment and that the individual, raw data, results from the ten (10) samples collectively yield an arithmetic mean of 34 ppb lead or less and no more than one individual sample has a result exceeding 50 ppb lead, regardless of the source of the lead, excepting laboratory contamination or other contamination having nothing whatsoever to do with the lead content of the individual product being tested.
- a. At least 60 days before any proposed discontinuance of any warnings issued pursuant to this Consent Judgment, a Settling Defendant proposing such discontinuance shall provide to ELF the results, the underlying data, and a description of the test methodology used. ELF shall keep all such information confidential except as is necessary to contest the exception from warning of the product. Should ELF dispute for any reason the discontinuance of any warning, the dispute may be submitted by either party to the Court for resolution on motion. Unless and until

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such is resolved favorably to Settling Defendant, the warning in question may not be discontinued. If there is no objection or the objection is resolved favorably to the Settling Defendant, future units of the subject product that tests 34 ppb lead or less shall not be shipped to California bearing a warning label as prescribed under paragraph 2.2(b) nor be placed on a shelf referenced by a shelf sign under paragraph 2.2(a).

- 2.7 Each Settling Defendant's compliance with Sections 2.1 through 2.6 of this Consent Judgment shall fully and completely satisfy such Settling Defendant's obligations to provide warnings for all Wine Vinegars with respect to the presence of lead under Proposition 65, the California Business and Professions Code, and all State or local (within California) laws, regulations, or ordinances.
- 2.8 Should any court enter a final judgment in a case brought by ELF on behalf of or in the interest of the people or general public of the State of California involving Wine Vinegars that allegedly contain lead which sets forth standards defining when Proposition 65 warnings will or will not be required ("Alternative Standards"), Settling Defendants shall be entitled to seek modification of this Consent Judgment so as to be able to utilize and rely on such Alternative Standards in lieu of those set forth in Sections 2.2 and 2.3 of this Consent Judgment.
- 2.9 Should ELF reach a settlement in any of its pending or future lawsuits involving claims of Proposition 65 violations and Wine Vinegars that permit warnings that are different in content, method or appearance than is specified under Section 2.2 and Section 2.3 of this Consent Judgment to be provided, then ELF shall provide each Settling Defendant with a copy of the settlement(s), and each Settling Defendant shall, at its discretion, have the option to warn in the manner prescribed by Sections 2.2 and 2.3 of this Consent Judgment as applicable, or in the manner specified in the settlement(s) of the other lawsuits.

3. MONETARY RELIEF

3.1 Within fifteen (15) days after entry of this Consent Judgment, Settling Defendants collectively shall pay ELF a total of four hundred sixty-seven thousand, five hundred dollars (\$467,500) as settlement proceeds ("Settlement Proceeds") to be applied towards ELF's costs, attorney's fees and a cy pres donation. To the extent it has not already done so, each Settling

Defendant shall place the share of the aforementioned amount to which it agreed in conjunction with the mediation that previously occurred in this Action under the supervision of Judge William Cahill (Ret.) into the Morrison & Foerster LLP Client Trust Account at the time it executes this Consent Judgment. The distribution of these Settlement Proceeds shall be determined by ELF without interference by the Settling Defendants in conjunction with ELF's motion for approval of this Consent Judgment by the Court. The Settlement Proceeds shall be made payable to Bushnell, Caplan, Fielding & Maier, LLP and delivered to Alan M. Caplan at Bushnell, Caplan, Fielding & Maier, LLP, 221 Pine Street, Suite 600, San Francisco, California 94104. ELF shall bear all responsibility for apportioning and paying to the State of California any portion of the Settlement Proceeds as required by California Health & Safety Code Section 25249.12(d), and no Settling Defendant shall have any liability if payments to the State of California are not made by ELF.

3.2 The payment made pursuant to Section 3.1 shall be the only monetary obligation of the Settling Defendants with respect to this Consent Judgment, including as to any fees, costs, or expenses ELF has incurred in relation to this Action.

4. COMPLIANCE WITH HEALTH & SAFETY CODE SECTION 25249.7(f)

4.1 ELF agrees to comply with the reporting requirements referenced in California Health & Safety Code § 25249.7(f). Pursuant to the regulations promulgated under that section, ELF shall present this Consent Judgment to the California Attorney General's Office within two (2) days after receipt of all necessary signatures. The Parties acknowledge that, pursuant to Health & Safety Code § 25249.7, a noticed motion must be filed to obtain judicial approval of the Consent Judgment. Accordingly, a motion for approval of the settlement shall be prepared and filed by ELF within a reasonable period of time after the date this Consent Judgment is signed by all Parties. ELF agrees to serve a copy of the noticed motion to approve and enter the Consent Judgment on the Attorney General's Office at least forty-five (45) days prior to the date set for hearing of the motion in the Superior Court of the City and County of San Francisco.

⁶ Bank of America Account No. 16642 05584, ABA Routing No. 0260-0959-3, SWIFT No. BOFAUS3N, client/matter reference number 57346-3.

5. MODIFICATION OF CONSENT JUDGMENT

5.1 This Consent Judgment may be modified by: (1) written agreement among the Parties and upon entry of a modified Consent Judgment by the Court thereon, or (2) motion of ELF or any of the Settling Defendants as provided by law and upon entry of a modified Consent Judgment by the Court thereon. All Parties and the California Attorney General's Office shall be served with notice of any proposed modification to this Consent Judgment at least fifteen (15) days in advance of its consideration by the Court.

6. APPLICATION OF CONSENT JUDGMENT

- 6.1 Each signatory to this Consent Judgment certifies that he or she is fully authorized by the Party that he or she represents to enter into and execute the Consent Judgment on behalf of the Party represented and legally bind that Party.
- 6.2 This Consent Judgment shall apply to and be binding upon ELF and each of the Settling Defendants, their officers, directors, and shareholders, divisions, subdivisions, parent entities or subsidiaries, and successors or assigns of each of them.

7. <u>CLAIMS COVERED</u>

7.1 This Consent Judgment is a final and binding resolution between ELF and the Settling Defendants of any violation of Proposition 65, Business and Professions Code §§ 17200 et seq., Business and Professions Code §§ 17500 et seq., or any other statutory or common law claim that could have been asserted against the Settling Defendants for failure to provide clear, reasonable and lawful warnings of exposures to lead that result from the ingestion of Wine Vinegar. No claim is reserved as between the Parties hereto, and each Party expressly waives any and all rights which it may have under the provisions of Section 1542 of the Civil Code of the State of California, which provides:

A general release does not extend to claims which the creditor does not know or suspect to exist in his favor at the time of executing the release, which if known by him must have materially affected his settlement with the debtor.

7.2 <u>ELF Release of Settling Defendants</u>. In further consideration of the promises and agreements herein contained, and for the payment to be made pursuant to Section 3.1, ELF, on

behalf of itself, its past and current agents, representatives, attorneys, successors and/or assignees, and in the interest of the general public, hereby waives all rights to institute or participate in, directly or indirectly, any form of legal action addressing all claims occurring on or before the entry of this Consent Judgment, and releases all claims occurring on or before the entry of this Consent Judgment, including, without limitation, all actions, causes of action, in law or in equity, suits, liabilities, demands, obligations, damages, costs, fines penalties, losses or expenses, including, but not limited to, investigation fees, expert fees and attorneys' fees of any nature whatsoever, whether known or unknown, fixed or contingent against each of the Settling Defendants and each of their customers, owners, parent companies, corporate affiliates, subsidiaries and its respective officers, directors, attorneys, representatives, shareholders, agents, and employees arising under Proposition 65, Business and & Professions Code §§ 17200 et seq., and Business & Professions Code §§ 17500 et seq., related to each Settling Defendant's alleged failure to warn about exposures to or identification of lead contained in Wine Vinegars.

ELF, on behalf of itself, its past and current agents, representatives, attorneys, successors and/or assignees, and in the interest of the general public, and the Settling Defendants further agree and acknowledge that this Consent Judgment is a full, final, and binding, resolution of any violations occurring on or before the entry of this Consent Judgment by each of the Settling Defendants and each of their customers, owners, parent companies, corporate affiliates, subsidiaries and its respective officers, directors, attorneys, representatives, shareholders, agents, and employees, of Proposition 65, Business and Professions Code §§ 17200, et seq. and Business and Professions Code §§ 17500, et seq., that have been or could have been asserted for the failure to provide clear and reasonable warnings of exposure to or identification of lead contained in Wine Vinegars manufactured, imported, distributed, and/or sold by a Settling Defendant.

In addition, ELF, on behalf of itself, its attorneys and its agents, waives all rights to institute or participate in, directly or indirectly, any form of legal action addressing all claims occurring on or before the entry of this Consent Judgment, and releases all claims occurring on or before the entry of this Consent Judgment against the Settling Defendants arising under Proposition 65, Business & Professions Code §§ 17200 et seq. and Business & Professions Code §§ 17500 et seq., related to

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each of the Settling Defendants' alleged failure to warn about exposures to or identification of lead contained in the Wine Vinegars and for all actions or statements regarding the alleged failures to warn about exposures to or identification of lead contained in the Wine Vinegars made by each of the Settling Defendants or its attorneys or representatives, in the course of responding to those alleged violations of Proposition 65, Business & Professions Code §§ 17200 et seq., or Business & Professions Code §§ 17500 et seq., as alleged in the Complaints.

It is specifically understood and agreed that, as to future potential claims, ELF and the Settling Defendants intend that each Settling Defendant's compliance with the terms of this Consent Judgment will resolve all issues and liability, now and in the future, concerning such Settling Defendant's compliance with the requirements of Proposition 65, Business & Professions Code §§ 17200 et seq., and Business & Professions Code §§ 17500 et seq., as to lead in Wine Vinegars. An In-State Retailer or Distributor's provision of warnings in a manner authorized in Section 2 of this Consent Judgment shall also hereinafter constitute compliance by such In-State Retailer or Distributor with the requirements of Proposition 65, Business and Professions Code §§ 17200, et seq. and Business and Professions Code §§ 17500, et seq., as to lead in Wine Vinegars manufactured, imported, distributed or sold to them by the Settling Defendants.

Release of ELF. Each Settling Defendant waives all rights to institute any form of 7.3 legal action against ELF or its attorneys or representatives, for all actions taken or statements made by ELF and its attorneys or representatives, in the course of seeking enforcement of Proposition 65, Business & Professions Code §§ 17200 et seq. or Business & Professions Code §§ 17500 et seq., in this Action.

8. RETENTION OF JURISDICTION

8.1 This Court shall retain jurisdiction of this matter to implement this Consent Judgment.

9. **COURT APPROVAL**

If this Consent Judgment is not approved by the Court, it shall be of no force or effect 9.1 and cannot be used in any proceeding for any purpose.

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10.1 Before moving to enforce the terms and conditions of this Consent Judgment with respect to an alleged violation, ELF must follow these procedures:

- (a) In the event that ELF and/or its attorneys, agents or assigns, or any other person acting in the public interest under Health & Safety Code § 25249.7(d) identify one or more retail stores in California owned and operated by a Retailer Defendant at which Red Wine Vinegars are sold (hereinafter "retail outlet") for which the warnings required under Section 2.2 of this Consent Judgment are not being given, or identify one or more In-State Distributors or Retailers to whom warnings materials required under Section 2.3 of this Consent Judgment have not been provided. ELF or such person shall notify, in writing, within 15 days of the date ELF was informed or observed the violation, the Settling Defendant of such alleged failure to warn (the "Probationary Notice of Default"). The Probationary Notice of Default shall be sent to the person(s) identified pursuant to Section 13 herein, and must be served within fifteen (15) days of the date the alleged violation(s) was or were observed. The Probationary Notice of Default shall, at a minimum, set forth the date(s) the alleged violation(s) was observed, the retail outlet(s) in question, and shall identify the Red Wine Vinegars giving rise to the alleged violation(s) and describe the alleged violation(s) with sufficient detail to allow the Settling Defendant to determine the basis of the claim being asserted and the identities of the Red Wine Vinegars to which those assertions apply. The Probationary Notice of Default shall allege all violations that could have been raised with respect to each retail outlet in question as of the date of the Probationary Notice of Default.
- (b) In the event the Settling Defendant corrects the alleged default(s) within sixty (60) days of receiving the Probationary Notice of Default, ELF or the notifying person shall take no further enforcement action with respect to such violation(s).
- (c) In the event that the Settling Defendant fails to cure and correct the default(s) within sixty (60) days of receiving the Probationary Notice of Default from ELF or the notifying person, the Settling Defendant shall pay, pursuant to Health & Safety Code § 25249.7(b) to ELF or the notifying person, as a stipulated penalty for failure to remedy the alleged default(s), in the event of a notice of default being issued to a Retailer Defendant, the collective amount of one thousand six hundred

dollars (\$1,600) for each retail outlet which was the subject of the Probationary Notice of Default (and in the event of a notice of default being issued to a Supplier Defendant, the collective amount of one thousand six hundred dollars (\$1,600) for each in-state distributor or retailer which was the subject of the Probationary Notice Of Default) and where the alleged default(s) were not remedied by the time such stipulated payment is due.

(d) In the event the Settling Defendant wishes to contest the allegations contained in any Probationary Notice of Default served under this paragraph, it shall notify ELF or the notifying person of such in writing within thirty (30) days of its receipt of the Probationary Notice of Default. The Settling Defendant may provide any evidence to ELF or the notifying person in support of its position. In the event that, upon a good faith review of the evidence, ELF or the notifying person agree with the Settling Defendant's position, no further action shall be taken. In the event the Settling Defendant provides documentary evidence, and ELF or the notifying person disagrees with the Settling Defendant's position, it shall, within thirty (30) days, notify the Settling Defendant of such and provide the Settling Defendant, in writing, with the reasons for its disagreement. Thereafter, the parties shall meet and confer to attempt to resolve their dispute on mutually acceptable terms; if no such resolution results, ELF may seek to enforce the terms and conditions contained in this Consent Judgment in any State Court in the State of California or ELF or the notifying person may initiate an enforcement action for new violations pursuant to Health and Safety Code § 25249.7(d) without regard to the stipulated penalties provided for by Section 10.1(c).

11. **GOVERNING LAW**

The terms of this Consent Judgment shall be governed by the laws of the State of California. In the event that Proposition 65 is repealed or is otherwise rendered inapplicable by reason of law generally, or as to Wine Vinegars specifically, then the Settling Defendants shall have no further obligations pursuant to this Consent Judgment with respect to, and to the extent those Wine Vinegars are so affected.

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EXCHANGE IN COUNTERPARTS 12,

Stipulations to this Consent Judgment may be executed in counterparts and by facsimile, each of which shall be deemed an original, and all of which, when taken together, shall be deemed to constitute one document.

13. **NOTICES**

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13.1 All correspondence and notices required to be provided pursuant to this Consent Judgment shall be in writing and personally delivered or sent by: (a) first-class, registered, certified mail, return receipt requested, or (b) overnight courier on ELF or a Settling Defendant by the others at the addresses listed in Exhibit F. Either ELF or a Settling Defendant may specify in writing to the other Parties a change of address to which all notices and other communications shall be sent.

14. SEVERABILITY

If, subsequent to court approval of this Consent Judgment, any of the provisions of this Consent Judgment are held by a court to be unenforceable, the validity of the enforceable provisions remaining shall not be adversely affected.

IT IS SO STIPULATED:

DATED:	December, 2006
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January 3, 2007

By:

For Environmental Law Foundation

Title: Presner

15 [PROPOSED] CONSENT JUDGMENT AS TO CERTAIN DEFENDANTS

254493.1

13. **NOTICES** 1 All correspondence and notices required to be provided pursuant to this Consent 2 Judgment shall be in writing and personally delivered or sent by: (a) first-class, registered, certified 3 mail, return receipt requested, or (b) overnight courier on ELF or a Settling Defendant by the others 4 at the addresses listed in Exhibit F. Either ELF or a Settling Defendant may specify in writing to the 5 other Parties a change of address to which all notices and other communications shall be sent. 6 14. **SEVERABILITY** 7 If, subsequent to court approval of this Consent Judgment, any of the provisions of this 8 Consent Judgment are held by a court to be unenforceable, the validity of the enforceable provisions 9 remaining shall not be adversely affected. 10 IT IS SO STIPULATED: 11 12 DATED: November 2006 13 By: 14 For Environmental Law Foundation 15 16 Name: 17 18 DATED: November 14, 2006 19 By: 20 21 22 Name (printed): Charles F. Cole Group Vice President 23 Litigation and Regulatory Affairs Title: 24 Company: New Albertson's Inc. 25 26

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13. NOTICES

13.1 All correspondence and notices required to be provided pursuant to this Consent
Judgment shall be in writing and personally delivered or sent by: (a) first-class, registered, certified
mail, return receipt requested, or (b) overnight courier on ELF or a Settling Defendant by the others
at the addresses listed in Exhibit F. Either ELF or a Settling Defendant may specify in writing to the
other Parties a change of address to which all notices and other communications shall be sent.

14. SEVERABILITY

If, subsequent to court approval of this Consent Judgment, any of the provisions of this Consent Judgment are held by a court to be unenforceable, the validity of the enforceable provisions remaining shall not be adversely affected.

remaining snau not be adversely affected.	•
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DATED: November, 2006	Ву:
	For Environmental Law Foundation
	Name:
perender 20	Title:
DATED: Nevembe r_, 2006	By:
	(Signature)
	Name (printed) Paul G. Rowan Sr. Vice President & General Counsel Title:
	Company: Albertson's LLC
,	,
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1	DATED: December 20, 2006
2	By: Valeria (D. Jeria)
3	(Signature)
4	Name (printed): Valerie D. Lewis
5	Wide Se Compared Comme
6	Title: Sr. Corporate Counsel
7	Company: Safeway Inc. and
8	The Vons Companies, Inc.
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12	IT IS SO ORDERED, ADJUDGED AND DECREED:
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1 · 2 3 4 5 6 7 8	DATED: December 22, 2006 By: (Signatyle) Name (printed): Richard Harvey Title: Executive Vice President Company: Williams - Sonoma
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	[PROPOSED] CONSENT JUDGMENT AS TO CERTAIN DEFENDANTS

WSI STAFFING/LEGAL DEPT.

12/22/2008 10:38 FAX 415 616 7788

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4	Name (printed): Wya R Bay
5	Title: Sv. VP
6	
7	Company: Wild Oats Markets, J
8	Markets, J
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11	IT IS SO ORDERED, ADJUDGED AND DECREED:
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1	DATED: December 11, 2006
2	By:
3	(Signature)
4	Name (printed): Staven Prough Title: Corporate Attorney Company: Laphs Gocery Conpany
5	Name (printed).
6	Title: Coporate Attorney
7	Company: Laphs Gocery Conpany
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2	By:
3	Mame (printed): Jennifer H. Crabb
4	To Follow
5	Name (printed): VENNITET IT. CTAGO
6	Title: General Counsel + Secretary
7	Company: Raley's
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1	DATED: December 20, 2006
2	By: Wall of the Control of the Contr
3	(Signature)
4	Name (printed): Robert L. Falk
5	Name (printed):
6	Title: Ortside Counce
7	Morrison + Foerster UP Company: On behalf of the
8	Supplier Defendants ,
9	as'delineated above."
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11	IT IS SO ORDERED, ADJUDGED AND DECREED:
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14	DATED:
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16	JUDGE OF THE SUPERIOR COURT
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18	* Morrison + Fourster UP Intends to provide the Court
19	with additional signature pages completed by each of
20	the Supplier Defendants prior to the Court's hearing on Plaintiff's forthcoming motion for approval of
21	on Plaintiff's forthcoming motion for approval of
	this proposed consent judgment.
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~"	16
1	[PROPOSED] CONSENT ILIDGMENT AS TO CERTAIN DECENDANTS

1	DATED: December, 2006
2	By:
3	(Signature)
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5	Name (printed):
6	Title:
7	Company:
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11	IT IS SO ORDERED, ADJUDGED AND DECREED:
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	16 [PROPOSED] CONSENT JUDGMENT AS TO CERTAIN DEFENDANTS
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EXHIBIT A: WARNING SIGN

CALIFORNIA PROPOSITION 65 WARNING:

The Red Wine Vinegars and Balsamic Vinegars on these shelves contain lead, a chemical known to the State of California to cause birth defects or other reproductive harm

OR

CALIFORNIA PROPOSITION 65 WARNING:

The Red Wine Vinegars and Balsamic Vinegars on this shelf contain lead, a chemical known to the State of California to cause birth defects or other reproductive harm

EXHIBIT B: INSTRUCTIONS TO DISTRIBUTORS

RE: Court-ordered Proposition 65 Warnings for Red Wine and Balsamic Vinegars Sold in California

Dear Red Wine or Balsamic Vinegar Distributor:

Important materials for your retail customers, concerning the need to provide court-ordered warnings for certain red wine and balsamic vinegars are attached to this letter. You must send the enclosed materials (both the attached instructions and signs) to each of your retail customers that sells red wine and balsamic wine vinegars in California.

These materials are being provided by suppliers of red wine and balsamic vinegars as part of a court-approved settlement of a legal action brought under Proposition 65 (California Health & Safety Code section 25249.6) by the Environmental Law Foundation ("ELF"). In this legal action, ELF claimed that wine vinegars contain lead. Lead is a chemical known the State to cause birth defects or other reproductive harm, and ELF claimed that manufacturers, importers, distributors, and retailers of these products are legally required to provide consumers with a clear and reasonable warning of this exposure to lead. The companies sued disputed these claims, and maintained that any lead present in red wine and balsamic vinegars is naturally occurring, reduced to the lowest level feasible, and not present in a significant amount, but have agreed to take various actions to settle the case.

If you do not send these materials to your California accounts as directed, you risk legal action in which monetary penalties and attorneys' fees could be sought.

The red wine and balsamic vinegars that are the subject of this notice may be sold legally, including in California, because they comply with all applicable federal and state standards for food safety.

Not all red wine and balsamic vinegar suppliers are participating in this court-ordered warning program. Suppliers that are not participating in this program may be providing wine vinegars that require Proposition 65 warnings. You should contact your suppliers to determine if they are in compliance with Proposition 65, since failure to comply could subject you to the legal actions referred to above.

If you need more signs to cover your California accounts, contact [name and telephone number and/or email address] and they will be sent to you.

Sincerely,

EXHIBIT C: INSTRUCTIONS TO RETAILERS

RE: Court-ordered Proposition 65 Warnings for Red Wine Vinegars Sold in California

Dear Red Wine or Balsamic Vinegar Retailer:

Important material concerning the need to provide court-ordered warnings for certain red wine and balsamic vinegars is attached to this letter. It is very important that you read and follow these instructions.

Enclosed are signs for posting in your California store(s) if you currently sell any red wine or balsamic vinegars. You must post this sign on the top shelf of any rack of shelves in your California store(s) where red wine and/or balsamic vinegars are sold, or on the shelf where the red wine and/or balsamic vinegars are sold. You may use the sign as is (i.e., on heavy cardboard stock) or you may reprint it in another medium (e.g., in the form of a decal or a plaque). The signs you post must contain the same language and format as the enclosed signs and must be no smaller than 2.25 inches x 5.5 inches. You must also ensure that the signs are, at all times, posted where required, legible and in good condition.

These materials are being provided by suppliers of red wine and balsamic vinegars as part of a court-approved settlement of a legal action brought under Proposition 65 (California Health & Safety Code section 25249.6) by the Environmental Law Foundation ("ELF"). In this legal action, ELF claimed that wine vinegars contain lead. Lead is a chemical known the State to cause birth defects or other reproductive harm, and ELF claimed that manufacturers, importers, distributors, and retailers of these products are legally required to provide consumers with a clear and reasonable warning of this exposure to lead. The companies sued disputed these claims, and maintained that any lead present in red wine and balsamic vinegars is naturally occurring, reduced to the lowest level feasible, and not present in a significant amount, but have agreed to take various actions to settle the case.

If you do not post these signs in your California stores as directed, you risk legal action in which monetary penalties and attorneys' fees could be sought.

The red wine and balsamic vinegars that are the subject of this notice may be sold legally, including in California, because they comply with all applicable federal and state standards for food safety.

Not all red wine and balsamic vinegar suppliers are participating in this court-ordered warning program. Suppliers that are not participating in this program may be providing wine vinegars that require Proposition 65 warnings. You should contact your suppliers to determine if they are in compliance with Proposition 65, since failure to comply could subject you to the legal actions referred to above.

If you need more signs to cover all of your California stores, contact [name and telephone number and/or email address] and they will be sent to you.

Sincerely,

EXHIBIT D: ANNUAL REMINDER TO DISTRIBUTORS AND RETAILERS

This is to remind you that the sale in California of virtually all red wine and balsamic vinegars must be accompanied by certain warnings pursuant to California's unique Safe Drinking Water and Toxic Enforcement Act of 1986 (better known as "Proposition 65"). These warning requirements apply to all retail stores located in California. In addition, distributors of red wine and balsamic vinegars must pass on information about compliance with the warning requirements to their customers. We previously provided you with shelf signs and instructions for effectuating these warning requirements. Failure to provide warnings as required could subject your company to significant monetary penalties and attorneys' fees. If you have any questions about the specifics of the warning program, or need additional shelf signs, you should contact [name and telephone number and/or email address].

EXHIBIT E: TESTING PROTOCOL



Diamete 64 (2004) 251-363



www.elecvier.com/locate/talasts.

Determination of lead in vinegar by ICP-MS and GFAAS: evaluation of different sample preparation procedures

Kuria Ndung'ua,b,*, Sharon Hibdona, A. Russell Flegala

* Environmental Texteology, WIGS University of California, Sente Crex, CA 95064, USA

* Institute of Applied Environmental Research (ITM), Stockholm University, Prescentrages 54, 8-106 91 Stockholm, Sweden

Received 4 November 2003; received in revised form 12 February 2004; accepted 12 February 2004

Available online 17 April 2004

Aliment

Leed concentrations of 59 different types of visegars (15-307 µg l⁻¹ in balanmic vinegars and 36-50 µg l⁻¹ in wine vinegars) were determined using both inductively coupled plasma mass spectrometry (KCP-MS) and graphite farance atomic absorption spectrometry (KCP-MS). Although the precision of direct analyses, following simple aqueous dilutions, with either instruments method was poor; that precision, following sitric sold and/or hydrogen peroxide digestions, markedly improved with either instrument and the values obtained with the two following sitric sold and/or hydrogen peroxide digestions, including (1) nitric sold using a heating block, with or without instruments were in good agreement. The effectory of different digestions, including (1) nitric sold using a heating block, with or without addition of hydrogen peroxide and (2) mixtures of nitric sold and hydrogen peroxide using alterviolet (UV) photolysis, were then assessed. The latter procedure was found to be much faster and more efficient, but it was limited by the relatively high levels of contaminant lead in hydrogen peroxide. Consequently, it is recommended that lead concentrations in vinegar by measured following a nitric sold diges in hydrogen peroxide. Consequently, it is recommended that lead concentrations in vinegar by measured following a nitric sold diges in hydrogen peroxide. Consequently, it is recommended that lead concentrations in vinegar by measured following a nitric sold digestion, and UV photolysis to oxidize all organic matter before ICP-MS or GFAAS analysis; and it is further recommend that the theorem settings for the latter analyses be adjusted to account for the apparent presence of relatively volatile organics in vinegar

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Kernerds: Ocurations compounds; Vineger, ICP-16

1. Introduction

Exposure to contaminant lead remains a public concern because of its pervasiveness in the environment and increasing evidence of lead's sub-lethal toxicities at exposure levels lower than previously thought harmful [1]. In response to those concerns, there have been orders of magnitude reductions in atmospheric emissions of industrial lead, which have resulted in a pronounced decrease in blood lead levels in the US and elsewhere [2]. Now, the most common route, of exposure to the general population, in countries where leaded gasoline has been banned, is through the ingestion of food and water contaminated with lead [3].

Among those foods is vinegar, which can contain relatively high levels of lead [4,5]. It may, like wine, come from the grapes vinegar is made from and it might be of

endogenous or anti-ropogenic origin [6,7]. Conversely, the lead may come from contamination during the vinegar production process [8].

Although there are numerous published studies on the concentration of lead in wine, only a handful of studies have looked at the concentration of lead in vinegar [4,5,9,10]. While some of those studies measured the lead in vinegar or wine directly sfeer simple dilution [10-12], quite often a sample clean-up step was employed prior to the instrumi tal analysis. Thir pretreatment is often needed because, in addition to acetic acid and alcohol, both vinegar and wins contain, suspended particles and polymeric organic compounds, particularly sugars, which inserfere with GFAAS and ICP-MS measurements. The polymeric organic matte might cause blockage of the injector tube and comes of the ICP, due to incomplete pyrolysis of the sugars in the plasma and formation of residual curbon deposits [13]. During the GFAAS analysis, incomplete pyrolysis of the organic ma produces fumer and accumulation of carbonaceous residue

0039-9140/5 — use front matter © 2004 Elsovier B.V. All rights reserved doi:10.1016/j.mhmts.2004.92.917

^{*} Corresponding unitor. Tel.: +46-86747236; fax: +46-86747636.

E-mell address: karia.ndongu@itm.su.se (K. Ndong'u).

after several graphite tube firings which adversely affect the analysis [11].

Two types of cuidstion are most common: acidification and irradiation. Wet digestion using nitric acid is usually employed to exidize the organic matter, and those exidative digestions are often accelerated by heating the samples in Telion or other ment and trace metal clean containers on a besting block or besting plate. The addition of hydrogen peroxide also speeds up the oxidation process, but most peroxides contain relatively high amounts of lead. Alternatively, ultraviolet (UV) and/or microwave energy have also been used to oxidize the organic matter in wine [13,14] which is a precursor of many vinegam. Since UV photolysis has not previously been applied to vinegar digestions, and the relative accuracy and efficacy of the different analytical methods for measuring lead in vinegar have not been previously

2. Beckground

Vinegar is produced by a two-stage fermentation process of suitable sugar or starch containing agricultural material such as grapes, apples, rice, garlic or even onions [15]. Besides vinegar from red and white wine, there are special products such as vinegar from Jerez (Sherry vinegar) in Spain or belsamic vinegar elaborated from a specific region of Italy, Modena [15] Aceto Balantinico di Modena, a typical italian product is produced from fresh grape must, which is concentrated up to a third of its original volume by a slow heating process. The traditional method of production requires storage in different wood barrels up to 25 years. Another balsamic vinegar is produced by blending the concentrated must with acetic acid, and the mixture is allowed to mature in wooden barrels to develop the typical organoleptic properties [15].

Consequently, there may be pronounced differences in the organic composition of different types of vinegars, including different balasmic vinegars. There may also be large differences in the lead concentrations of different vinegars, based on the origins of the ingredients and the production process. Both of those variables complicate accurate and precise measurements of lead in vinegar.

3. Experimental ..

3.1. Reagents

All solutions were prepared with de-ionized we (18 MΩ cm⁻¹) from a Milli-Q[®] analytical reagent-grade water purification system (Millipore, Bedford, MA). Calibration standard solutions and internal standards were prepared from commercial lead standard solution (Spex Plasma, Edison, Nf). Trace metal grade (TMG) nitric soid and hydrochloric scid (Fisher Scientific, Pittsburgh, PA) were used for cleaning laboratory were. Optime grade nitric soid (Fisher) was used for the preparation of calibration standard solutions and analytical solutions. High purity hydrogen peroxide 30% (Ultrapur, Bayer, Pittsburg, NJ), together with nitric acid was used for both heat and UV digestions. The matrix modifier used for GFAAS analysis contained 0.05 mg of NH4H2PO4 and 0.003 mg of Mg(NO3)2 per 5 µl of solution (Environmental Express, Mt. Pleasent, SC).

3.2. Instrumentation

3.2.1. ICP-MS

All ICP-MS measurements were made with a Thorsto-Finnigan Element magnetic sector high resolution ICP-MS uring a Glass Expansion Confical nebulizer, a Scott-type double pass spray chamber (cooled to 10 °C) and stand nickel cones. Since there were small or no polystomic interferences for lead, it was analyzed at low resolution (r = 300) using 205 Bi as an internal standard. The instrument operating parameters and data acquisition details are listed in Table 1.

3.2.2. GFAAS

Graphite furnace stomic absorption spectroscopy (GFAAS) analyses were made on a Perkin-Elmer SIMAA 6000 instrument, fitted with a Zeeman background corrector and AS72 auto sampler. End capped, traversely heated pyrecested graphite tubes with an integrated L'vov platform (Perkin-Ehmer) were used. A lead electrodeless discharge lamp (Perkin-Elmer) was used at the recommended line of 283.3 mm and a lamp current of 450 mA. Magnesium mitrate (Mg(NO₃)₂)/ammonium phosphate (NH₄H₂PO₄) was

ICPACS operating and acquisit	on permeten
RF power (V) Please gas flow (Luda ⁻¹) Auxiliary gas flow (Luda ⁻¹) Nobeliars gas flow (Luda ⁻¹) Seconds flow years (Ludain ⁻¹)	1250 13 0.75 0.85-0.95 (optimized daily) 60

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used as a chemical modifier. The optimized, based on tests conducted for this report (see following section on GFAAS Program Optimization) GFAAS program used is shown in Table 2.

33. Saipk

Vinegar samples were purchased from retail stores in California. Fifty-two different types of balanmic vinegar, four wine vinegars, one apple cider vinegar, one rice vinegar and one garlic vinegar were analyzed. The vinegars were mostly in glass bottles, but some were in plastic or ceramic bottles.

3.4. Contamination control

The exteriors of the bottles were rinsed with deionized water before opening in a HEPA filtered (Class 100) trace metal clean laboratory. Aliquots were placed in Tefion digestion vessels that were cleaned with Micro-90 liquid laboratory grade detergent (Cole-Parmer, Vernon Hills, IL) and deionized water when first used or after an incomplete digestion. Subsequently, digestion vessels were re-cleaned by soaking them overnight in 8 M TMG hydrochloric acid followed by at least 8 h in bot TMG nitric acid. The vessels were then rinsed with reagent water and dried under class 100 HEPA-filtered laminer flow siz. All other plastic ware (polyethylene or Tellon) used for storing analytical solutions were cleaned using the same procedure, dried, capped, and stored under class 100 HEPA-filtered laminer flow sir or double begged in trace metal clean, self-locking (Zip loc®) plastic bags. The GFAAS was in a HEPA-filtered sir room and directly beneath a HEPA-filtered (Class 100) laminar flow canopy within a plastic enclosure.

3.5. Vinegar digestions

3.5.1. Heating block digestions

Analytical portions were weighed (0.5-1.0 g) into Teflon digestion vessela, and 10 ml of TMG nitric acid was added. Vessels were covered loosely with said cleaned Tefion lids and placed in the heating block (CPI International, Santa Rosa, CA). They were initially digested at 50°C for 2-3 h to avoid sputtering then the temperature was increased to 90 °C, and then digested to dryness. After cooling, the digests were dissolved in 1 M TMG nitric acid, producing a clear to light

yellow analytical solutions. These were then analyzed for their lead concentration by GFAAS or ICP-MS.

3.5.2. UV digestions

The UV digertion unit consisted of a medium pressure mercury vapor discharge tube (1200 W; Hanovia, Union, NJ) positioned on the ceiling of a purpose-built aluminum. housing, (36 cm × 29 cm × 23 cm; UVO-cleaner model 342, Jelight Inc., Lagune Hills, CA), which was cooled by a fine. A digital photometer (model JL1400A, Jelight Inc., Irvine, CA) was used to monitor the power of the UV radiation during the exidation ($x = 9.2 \pm 0.4 \,\mathrm{mW \, cm^{-2}}$ during the continuous operation of the Hg lamp).

The digestions were carried out by placing 16 custommade PTFE 15 ml digestion cups fitted with quartz glass

caps in the UV digestion unit. Vinegar samples (0.5 g) were weighed in tarred Teffon visls. These and 1 ml of TMG nitric soid and 0.5 ml of 30% hydrogen peroxide were added prior to the UV treatment.

3.6. Quality control

Sample batches consisted of 24 analytical portions including several duplicate samples. Spikes of lead were added (90-150 µg l-1) prior to digestion to several vinegar analytical portions representative of the variety of product Standard solutions were analyzed after every 10 analytical solutions to ensure instrument performance. Each analytical batch contained at least three method blanks, three spiked analytical samples, and three reference materials. Because there is no commercially available certified reference material for lead in vinegar (or wine), we used the National Institute of Standards and Technology (NIST) 1640 Standard Reference Material (SRM) for trace metals in natural waters (NIST, Guithersberg, MD) with a lead concentration (where X is the mean ± S.D.) of 27.89 ± 0.14 µg 1-1 to monitor the extraction efficiency of the digestion process.

4. Results and discussion

4.1. Nitric acid digestion

As previously noted, only a small number of studies have been published on the determination of lead in vinegar [4,5,9,10]. Most of them have employed a sample pretrestment to destroy the organic matter, which might interfere with GFAAS or ICP-MS analyses. In contrast, a few studies have reported direct analysis of lead in wine by GFAAS [16] or ICP-MS [11,17] after a simple aqueous dilution.

However, our attempts to analyze vineger with or without dilution by either GFAAS or ICP-MS resulted in erroneously high lead concentration values (compared to nitric solid digested vinegar) and relatively poor precision. This analytical variability is illustrated in Table 3, which is a summary of the lead determination in four different types of balsamic

Table 3 Comparison of lead concentrations in four different behavior vinegars soulyand by GFAAS and KCR-MS with and without pitric acid digestion

Viscent	Land concer	tration, (ht j	1)		
	Simple dilution		Digusted with sixtic sold		
• • •	CFAAS	107-145	GFAAS	ICP-MS	
Belowic-2 Belowic-3 Belowic-4	595 (18) 653 (14) 277 (34) 349 (4)	447 (7) 205 (5) 68 (16) 109 (17)	319 (7) 194 (7) 61 (7) 99 (9)	306 (6) 174 (Z) 60 (5) 95 (4)	•

^{*} Moss and rolative standard deviation (veloce in percentusis) of at least six determinations.

vinegars (six replicate digestions or analyses). Because of their complex organic content, those vinegars proved to be the most difficult to analyze by either GFAAS or ICP-MS and with and without a prior nitric acid digestion.

Specifically, measurements with both types of instruments yielded significantly ($P \leq 0.05$, paired t test) higher lead concentrations in balasmic vinegars after simple aqueous dilutions compared to measurements after acid digestions. The disparity was greater in direct analyses of undigested diluted vinegars by GFAAS. In addition to vinegar matrix interferences, we noticed irreproducible sample deposition on the graphite tube due to adhesion of vinegar solutions to the Teflon GFAAS deposition tubing. Moreover, this problem persisted after filtering and diluting the vinegars.

The agreement and precision of the analyses between the two instruments was greatly improved (R = 0.997, m = 0.94, simple linear regression) after nitric acid digestions. These improvements are attributed to the oxidation of organic matter. That destruction eliminates interferences resulting from nonspecific absorption and acattering of light due to concomitant species in the vinegar solutions.

4.2. UV and heat digestion

Nitric acid, and to a leaser extent hydrogen peroxide, are widely used for wel digestions of organic and inorganic matter prior to instrumental analyses of metals. The oxidative digestions are accelerated by heating the samples in Teflon or other inert, trace metal clean containers on a heating block or heating plate. Those thermal energy sources are now often being replaced by microwave and UV radiation in sumple preparations where acid digestion is necessary, because they may be faster and may be done within a closed system [13,18].

Comparing the two methods, nitric acid digestions with UV radiation were faster than those with heating blocks and the digestions were more complete. While the addition of hydrogen peruside further enhanced the degradation of organic material in the vinegars, the amount of contaminant lead in TMG hydrogen peruside we used was relatively high (~15 µg l⁻¹) and comparable to the lead concentration in some of the vinegars. Thus, cleaner hydrogen peroxide is

necessary for digestion of vinegars with lead concentration in the low to sub µg l⁻¹ level.

4.3. GFAAS analysis

Although the instrument manufacturer (Perkin-Elmer) recommended a maximum ashing and atomization temperatures of 400 and 1400 °C, respectively, in the furnece program for lead determination, the use of chemical modifiers allows much higher ashing and atomization temperatures. Freschi et al. [11] used an ashing temperature of 1000 °C and an atomization temperature of 1800 °C to determine lead in diluted wine samples and nitric acid wine digests using a phosphate/magnesium matrix modifier. Buldini et al. [19] also used a phosphate/magnesium modifier and were able to determine lead in nitric acid wine digests using ashing and atomization temperatures of 900 and 1800 °C, respectively.

in the absence of a vinegar or similar matrix SRM with certified lead concentration, we initially started the optimization of the furnace program using digested vinegar spikes and NIST SRM 1640 (natural water) that had undergone a similar nitric acid digestica process as the vinegars. We used the manufacturers recommended ashing and atomization temperatures with a Mg(NO₃)₂/NH₄H₂PO₄ chemical modifier. We found ashing and atomization temperatures of 800 and 1400 °C, respectively, to be optimize for analysis of digested natural water SRM and quantitative recovery. However, the same furnace program produced low lead recoveries of spiked digested vinegar samples.

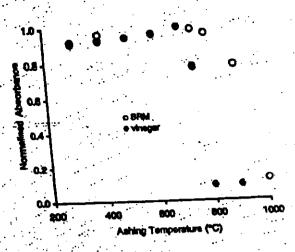
An investigation of the GFAAS measurements of vinegar, digests with similar lead concentrations as the SRM showed a sharp drop in absorbance between 700 and 800 °C of the digested vinegar samples, but not for the SRM. This disparity is shown in Fig. 1. It contains plots of the variation of absorbance during ashing and atomization temperatures steps of the two types of samples.

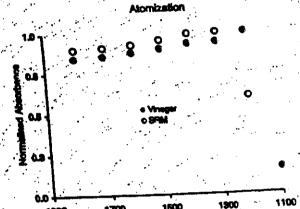
Curvatures in both plots indicate the digestion of the vinegar samples produced a relatively labile lead compound(s). Their volatilization between 700 and 800 °C markedly altered the measurements of lead concentrations of the vinegar, which was not replicated in the measurements of lead in the SRM. This thermal variability undersource the importance of close investigation of the furnace program optimization for different sample types and matrices.

4.4. Quality control

Process blanks (reagent water) were also analyzed together with the samples. The mean blank lead concentration was $0.03 \,\mu g \, l^{-1}$ (n=4) with a standard deviation of 0.04, giving a detection limit of $0.12 \,\mu g \, l^{-1}$ analyzed by GFAAS after nitric acid and heat digestion. The spike recovery ($x \pm S.D.$) of six different vinegars was $96 \pm 5\%$, while the mean recovery of NIST 1640 SRM digests was $97.4 \pm 1.3\%$. The relative standard deviation for displicate analysis was <8%.







1. Variation of absorbance with GRAAS sabing and atomic s for NEST 1640 natural water SRM and a bel ecid (65% m/m) diposion.

Atomization Temperature (*C)

4.5. Lead concentrations in vinegars

1700

Table 4 summarizes the results of the measurements. Again, these included analyses of lead concentrations in 52 different types of belsemic vinegars, 4 wine vinegars, 1 apple vinegar, 1 gartic, and 1 rice vinegar. The concentration of lead in the belsamic vinegars ranged from 14.9 to. 307 µg 1-1, with a mean of 68 ± 56 µg 1-1.

It is notable that the balsamic vinegar (R = 6) with the highest lead concentration (307 \pm 19.5 μ g l⁻¹) was, reportedly, produced by the traditional method of production, which involved aging in different vintage wood berrels. Another balsamic vinegar with a high lead concentration (257 µg l⁻¹) had, reportedly, been aged for 18 years. We,

Les concentrations is via

Number of	Lead concentration (µg [⁻¹)			
bank.	Range	3.Loan	Bunderd deviation	
*	15-68	- 44	15	
- T		15	12	
2	174-179	173	4	
•	,	276		
		307	• • .	
	34-52	· 50	12	
1.	••	. 15		
		6.6	**:	
	•	. 19		
	4			
55	7-307	64		
	36 12 2 1 1 4	brands Range 36 15-68 12 73-110 2 174-179 1 4 36-62 1	brands Range 144cm 36 15-68 44 12 73-110 85 2 174-179 173 1 276 1 307 4 36-62 50 1 15 1 6.6	

therefore, hypothesize that most of the lead in those vimegart comes from their contact with contaminant lead surfacet during production and storage, possibly metal fittings securing the barrels used to age the vinegara.

This hypothesis is based on the results of several studies of the sources of lead contamination in grape wine [6,7,20,21], because there are no published studies on the sources of lead contamination in vinegar. Three of the wine studies [7,20,21] found the production and storage process to be the main source of lead contamination rather than the grape or the soil. For example, Almeids and Vasconcelor [20] found that only about a quarter of the sotal content of lead in Fortuguese fortified and red table wines, respectively, came from soil and atmospheric deposition and that the rest of the lead was introduced in the vinification processes. They concluded that marked reductions of the lead content in the wines would occur if the sources of lead were removed from the tuber and containers used in the vinification system, particularly by using welding alloys and lead free fittings. They also observed that wines produced via traditional vinification methods had a higher lead concentration compared to those produced by modern technology.

5. Conclusions

Lead concentrations in different types of vinegas vary from less than 10 to more than 300 µg l-1, and the moonracy and precision of those lead concentration measurements with different protocols may also vary widely. Direct determinations of lead in vinogar by ICP-MS and GFAAS may provide irreproducible measurements and give poor agreement between the two types of instrumental analysis, but there is good agreement in measurements with the two types of instrumental analysis after vinegas is digested with mitric acid. While use of nitric soid and evaporative digrestion in heating blocks is an effective and clean method of processing vinegers prior to ICP-MS and GFAAS analysis, nitric acid digestions with UV photolysis reduce the time required to process the vinegar and increase the exidation of its organic constituents. Although the digestion times may be further enhanced with the addition of bydrogen peroxide, the amount of contaminant lead in TMG hydrogen peroxide in too high for measurements of lead concentrations in vinegars with concentrations <50 µg l⁻¹. Therefore, we recommend nitric acid digestion of vinegars before ICP-MS or GFAAS determination, and that the latter measurements use. ashing and stomization temperatures of 600 and 1300°C. respectively, rather than the manufacturer's recommended settings because of the apparent volatilization of relatively labile forms of lead in vinegars above those temperatures.

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References

[1] K.D. Ross Med. 45 (2003) 546.

[2] CDC, Second National Report on Human Exposure to Enviro tal Chemicals (2002), CDC, Casten for Disease control and Prev tion, 2003, http://www.ode.gov/exposurereport/metals/, accessed on € October 2003.

pion: Toxic Profile for Load. [3] CDC, Toxicologi CDC, Custors for Disease Control and

for Poxic Substances and Desease Registry (ATSDE), 1999, and on 6 October 2005. http://www.stade.cdc.gov/suxprofiles/, acce

[4] F. Corredini, L. Marchaelli, A. Marchaell, C. Peeti, C. Bisnoardi, J. Acec. Int. 77 (1994) 714. on, D. Gonzales, Barrieras. Co

[5] A. Acceta, C. Diez, A. Hardin Tox. 51 (1993) 852.

[6] V.R. Angelova, A.S. Ivenov, D.M. Brailine, I. Sci. Pood April. 79

[7] V. Orescenia, A. Katume, A. Katie, V. Velkovic, I. Trace Microprobe Tech 21 (2003) 171.

[8] M.I. Guerrero, C. Herce-Paglini, A.M. Carnese, A.M. Truncoso, A.G. Gonzalez, Talentz 45 (1997) 379.

[9] A. Del Signore, B. Campini, F. Di Giaconno, J. Acac. Int. 81 (1990)

[10] Z.J. Saturovic, N.J. Marjanovic, N.M. Daptanic, Nelbrung 41 (1997)

[11] G.F.G. Frenchi, C.S. Dakumku, M. & Morses, J.A. Nobrege, J.A.G. Neto, Spectrochin. Acts B 56 (2001) 1987.

[12] A.M.T. Gonzalez, M.G. Chozna, Nahrang 32 (1982) 743.

[13] C.M.R. Ahmilds, M. Visconcolos, J. Annl. Atom. Sp. (1999) 1815.

[14] C.R. Quetel, S.M. Nelsen, L. Van Novel, I. Papadabia, P.D.P. Taylor, J. Annl. Atom. Spectrum. 16 (2001) 1091.

[15] W. Testeye, M.L. Morales, M.C. Gercie-Perrille, A Trends Food Sci. Technol. 13 (2002) 12.

[16] LY. Zeo, M. Zhong, Z.A. Sun, D.S. Wang, Sp 22 (2002) \$59. [17] C.M.R. Almeids, M. Vesconcelet, M. Berbeits, B. Medic

Biomed Chara 374 (2002) 314. [18] Q.H. Sen, F. Lines, H.Q. Zhong, L.W. Zhon, Y.F. Huner, D.Q. Song,

Trace Trends Anal. Ches. 18 (1999) 479.

[19] P.L. Buldini, S. Crvelli, J.L. Sherma, J. Agric. Food Chem. 47 (1999)

[20] C.M.R. Almeids, M. Vascopolios, J. Agric. Food Chem. 51 (2003) 3012

[21] I. Kristol, M. Veber, M. Slekovec, Anal. Bio 200. .

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*** Morrison + Fourster LLP intends to provide completed Exhibit F Notice Forms for each of the Supplier Defendants prior to the Court's hearing on Plaintiff's forthcoming motion for approval of the proposed consent judgment.