

Analytical Report

July 23, 2012

Project Number: CB4136-1

Revision of July 19, 2012 Report to Correct Sample Description

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We have completed the analyses on sample received July 12, 2012 (NFL# AF43775). The sample was extracted in quadruplicate according to 21 CFR 177.1210(c). Glass wine bottles were used for the test.

Condition of Use E – Temperature filled and stored (no thermal treatment in container) (12% Ethanol):

A 12% ethanol in water solution (375mL) was added to the bottles at 120°F. The closures lined with VinPerfect liners/gaskets were placed on the bottles and a device was used to clamp the closure to the bottle to prevent the solution from leaking out. The bottles were then placed in an incubator at 120°F for 24 hours. The bottles were inverted so that the solution was in contact with the closure liner during the exposure. After the 24 hour exposure, the bottles were opened, the contents were emptied and the ethanol evaporated to dryness. The resulting residues were weighed and further extracted with chloroform. All weights were corrected for solvent blanks. The testing was done in quadruplicate.

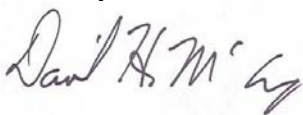
Results:

| Description | Solvent | Chloroform Fraction of Alcohol Extractives (mg/closure) | Chloroform Fraction of Alcohol Extractives in 375mL Bottle (ppm) | Chloroform Fraction of Alcohol Extractives in 750mL Bottle (ppm) | Chloroform Fraction of Alcohol Extractives in 1.5L Bottle (ppm) |
|-----------------------------------|-------------|---|--|--|---|
| VinPerfect liners/gaskets VPL30-b | 12% Ethanol | <1 | <3 | <2 | <1 |
| | | <1 | <3 | <2 | <1 |
| | | <1 | <3 | <2 | <1 |
| | | <1 | <3 | <2 | <1 |
| Tolerance (ppm) | | | 50 | 50 | 50 |

Sample(s) were received in good condition and results are reported based on the sample(s) as received, unless otherwise noted. Please note that these results apply only to the sample(s) submitted for this report. Samples from a different portion of the same lot may produce different results. Your sample(s) will be retained for fifteen days from the date of this report. If we do not hear from you by that time, the sample(s) will be discarded.

The National Food Lab services are provided subject to our standard terms and conditions, which can be found on our website, www.TheNFL.com. Should you have any questions concerning these results, please do not hesitate to contact us. Thank you for using the services of the National Food Lab.

Sincerely,



Daniel H. McCoy, Analytical Packaging - Chemistry

cc: The NFL's Accounts Receivable