### Flavor Ingredient Data Sheet

**Flavor Producer Information**

<table>
<thead>
<tr>
<th>TTB Co. Code:</th>
<th>NATFLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Name:</td>
<td>National Flavor Company</td>
</tr>
<tr>
<td>Address:</td>
<td>1206 East Crosstown Parkway, Kalamazoo, MI 49001-2563</td>
</tr>
<tr>
<td>Date:</td>
<td>11/7/2014</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Gwen Buffinga</td>
</tr>
<tr>
<td>Phone:</td>
<td>800-525-2431</td>
</tr>
<tr>
<td>Fax:</td>
<td>269-344-1037</td>
</tr>
</tbody>
</table>

**Flavor Name:** CRANBERRY FLAVOR, NATURAL WONF #10789  
**TTB Drawback Number:** 144  
**Alcohol Range by Volume:** NA (<0.5%)  
**Flavor Product Number:** 10789

### Classification
- Natural [ ]  
- N&N ≤ 0.1% Topnote [ ]  
- N&N > 0.1% Topnote [ ]  
- Artificial [ ]  
- Non-Flavor [ ]

**Total Artificial Flavor Content:** ____________ ppm (Excluding Synthetic Vanillin, Ethyl Vanillin, Synthetic Maltol, and Ethyl Maltol)

### Flavor Components

<table>
<thead>
<tr>
<th>Additive</th>
<th>TTB Limitation in Finished Product</th>
<th>Amount of Additive or Agent Present in Flavor</th>
<th>Maximum Use Rate</th>
<th>Beverage Label Information based of functionality (check or list label ingredients that affect the beverage label)</th>
</tr>
</thead>
</table>
| 1. Synthetic Vanillin  | 40.0 ppm                          | ______ ppm                                 | - %              | 1. FD&C Yellow #5 [ ]  
| 2. Ethyl Vanillin      | 16.0 ppm                          | ______ ppm                                 | - %              | 2. FD&C Yellow #6 [ ]  
| 3. Synthetic Maltol    | 250.0 ppm                         | ______ ppm                                 | - %              | 3. FD&C Blue #1 [ ]  
| 4. Ethyl Maltol        | 100.0 ppm                         | ______ ppm                                 | - %              | 4. FD&C Blue #2 [ ]  
| 5. Ester Gum           | 100.0 ppm                         | ______ ppm                                 | - %              | 5. FD&C Green #3 [ ]  
| 6. BVO                 | 15.0 ppm                          | ______ ppm                                 | - %              | 6. FD&C Red #40 [ ]  
| 7. Sodium Benzoate     | 1000.0 ppm                        | ______ ppm                                 | - %              | 7. Grapeskin Extract [ ]  
| 8. Gum Arabic/Acacia   | 200000.0 ppm                      | ______ ppm                                 | - %              | 8. Caramel Color [ ]  
| 9. Propylene Glycol    | 50000.0 ppm                       | 398,100 ppm                                | 12.56 %          | 9. Annatto [ ]  
| 10. BHA (<0.5% Essential Oil) | [ ] check if contained | 10. Elderberry Extract [ ]  
| 11. Acetic Acid        | 1500.0 ppm                        | 2,004 ppm                                  | 74.85 %          | 11. Beet Extract [ ]  
| 12. Potassium Sorbate  | 1000.0 ppm                        | ______ ppm                                 | - %              | 12. Oak Extract [ ]  
| 13. Caffeine           | 200.0 ppm                         | ______ ppm                                 | - %              | 13. [ ]  
| 14.                    | ______ ppm                        | ______ ppm                                 | - %              | 14. [ ]  
| 15. Total Vanillin     | 40.0 ppm                          | ______ ppm                                 | - %              | 15. [ ]  
| 16. Total Maltol       | 250.0 ppm                         | ______ ppm                                 | - %              | 16. [ ]  

### Confidential Limited Ingredients Not Shown (CLI)

- Check if contained in formula [ ]  
- Check if CLI was previously submitted [ ]  

**Beverage Manufacturer / Importer:**

- Formula # / Serial #: ____________________________

**Beverage Alcohol Manufacturer / Importer:**

- Formula # / Serial #: ____________________________

**Beverage Manufacturer / Importer:**

- Flavor Approved on: ____________________________
- Notified by: ____________________________
- As: Approved [ ]  
- No Action [ ]  
- Export Only [ ]  

**Signature of Alcohol Beverage Representative:** ____________________________

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**Gwen Buffinga**

**Title:** REGULATORY  
**Date:** 10/6/2014