# Flavor Ingredient Data Sheet

**Flavor Producer Information**

- **TTB Co. Code:** NATFLA
- **Company Name:** National Flavor Company
- **Address:** 1206 East Crosstown Parkway
  Kalamazoo, MI 49001-2563
- **Date:** 3/16/2016
- **Contact Person:** Gwen Buffinga
- **Phone:** 800-525-2431
- **Fax:** 269-344-1037

**Flavor Name:** Orange Flavor, Natural WONF #11690

- **TTB Drawback Number:** 178
- **Alcohol Range by Volume:** 60.988 +/- 2.5%
- **Flavor Product Number:** #11690

### Classification

- **Natural:** [ ]
- **N& A ≤ 0.1% Topnote:** [ ]
- **N& A > 0.1% Topnote:** [ ]
- **Artificial:** [ ]
- **Non-Flavor:** [ ]

**Total Artificial Flavor Content:** 0 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>
<tbody>
<tr>
<td>1. Synthetic Vanillin</td>
<td>40.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>1. FD&amp;C Yellow #5 [ ]</td>
</tr>
<tr>
<td>2. Ethyl Vanillin</td>
<td>16.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>2. FD&amp;C Yellow #6 [ ]</td>
</tr>
<tr>
<td>3. Synthetic Maltol</td>
<td>250.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>3. FD&amp;C Blue #1 [ ]</td>
</tr>
<tr>
<td>4. Ethyl Maltol</td>
<td>100.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>4. FD&amp;C Blue #2 [ ]</td>
</tr>
<tr>
<td>5. Ester Gum</td>
<td>100.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>5. FD&amp;C Green #3 [ ]</td>
</tr>
<tr>
<td>6. BVO</td>
<td>15.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>6. FD&amp;C Red #40 [ ]</td>
</tr>
<tr>
<td>7. Sodium Benzoate</td>
<td>1000.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>7. Grapeskin Extract [ ]</td>
</tr>
<tr>
<td>8. Gum Arabic/Acacia</td>
<td>200000.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>8. Caramel Color [ ]</td>
</tr>
<tr>
<td>9. Propylene Glycol</td>
<td>50000.0 ppm</td>
<td>290,000 ppm</td>
<td>17.24 %</td>
<td>9. Anatto [ ]</td>
</tr>
<tr>
<td>10. BHA (&lt;0.5% Essential Oil)</td>
<td>[ ] check if contained</td>
<td>- ppm</td>
<td>- %</td>
<td>10. Elderberry Extract [ ]</td>
</tr>
<tr>
<td>11. Acetic Acid</td>
<td>1500.0 ppm</td>
<td>7.510 ppm</td>
<td>19.97 %</td>
<td>11. Beet Extract [ ]</td>
</tr>
<tr>
<td>12. Caprylic Acid</td>
<td>10.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>12. Oak Extract [ ]</td>
</tr>
<tr>
<td>13. Caffeine</td>
<td>200.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td>13. [ ]</td>
</tr>
<tr>
<td>14.</td>
<td>ppm</td>
<td>ppm</td>
<td>- %</td>
<td>14. [ ]</td>
</tr>
<tr>
<td>15. Total Vanillin</td>
<td>40.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td></td>
</tr>
<tr>
<td>16. Total Maltol</td>
<td>250.0 ppm</td>
<td>ppm</td>
<td>- %</td>
<td></td>
</tr>
</tbody>
</table>

**Confidential Limited Ingredients Not Shown (CLI)**

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

**Beverage Manufacturer / Importer:**

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

**Signature of Alcohol Beverage Representative:**

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**Title:** REGULATORY  
**Date:** 3/16/2016

**Beverage Alcohol Manufacturer / Importer**

- **Beverage Manufacturer / Importer:**
- **Formula # / Serial #:**

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**Gwen Buffinga**  
**Title:** REGULATORY  
**Date:** 3/16/2016