Product Specification

**Product Name:** ACB Wasabi Extract PF  
**Code Number:** 20351PF  
**CAS #’s:** N/A  
**EINECS #’s:** N/A  
**INCI Name:** Lactobacillus/Wasabia Japonica Root Ferment Extract  
**Status:** Conforms

<table>
<thead>
<tr>
<th>Specification</th>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellow to Light Green Liquid*</td>
</tr>
<tr>
<td>Odor</td>
<td>Characteristic</td>
</tr>
<tr>
<td>pH (direct)</td>
<td>4.0 – 7.0</td>
</tr>
<tr>
<td>NVM (1g, 105°C, 1hr)</td>
<td>20.0% Minimum</td>
</tr>
<tr>
<td>Ash (10g, 900°C, 3hrs)</td>
<td>1.0% Maximum</td>
</tr>
<tr>
<td>Heavy Metals</td>
<td>&lt; 20 ppm</td>
</tr>
<tr>
<td>Lead</td>
<td>&lt; 10 ppm</td>
</tr>
<tr>
<td>Arsenic</td>
<td>&lt; 2 ppm</td>
</tr>
<tr>
<td>Cadmium</td>
<td>&lt; 1 ppm</td>
</tr>
<tr>
<td>Microbial Content</td>
<td>&lt; 100 CFU/g; No pathogens</td>
</tr>
<tr>
<td>Total Yeast &amp; Mold</td>
<td>&lt; 100 CFU/g</td>
</tr>
<tr>
<td>Gram Negative Bacteria</td>
<td>0 CFU/g</td>
</tr>
</tbody>
</table>

*May Sediment upon Standing; Mix Well Prior to Use*

*Product may brown with age*

**Note: Product may change appearance if exposed to cold temperatures during shipment or storage. If this happens, please gently warm to 45-50°C and mix until normal appearance is restored

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