**Product Name:** 10-Gingerol

**Other Name:** Vitexicarpin

**Catalogue No.:** BP0013

**Batch No.:** 15010602

**Reported Date:** 2015-01-06

**CAS Number:** 23513-15-7

**Mol. Formula:** C_{21}H_{34}O_{4}

**Mol. Weight:** 350.499

**Botanical Source:** Zingiber officinale

**Type of compound:**

**Identification Method:** Mass, NMR

**Analysis Method of Purity:** HPLC-DAD

---

**Analytical result:**

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Off-white cotton-like solid</td>
<td>Off-white cotton-like solid</td>
</tr>
<tr>
<td>Loss on drying</td>
<td>&lt;3.0%</td>
<td>0.9%</td>
</tr>
<tr>
<td>Purity (HPLC, 280nm)*</td>
<td>≥98.0%</td>
<td>99.35%</td>
</tr>
</tbody>
</table>

* Please find HPLC chromatography attached.

**Package:** Brown vial or HDPE Plastic Bottle

**Storage:** Cool and Dry place, protected from light, keep package airproofed when not in use.

**Expiration:** two years (2017-01-06) under conditions list above.

**QC:** MengPan  
**Date:** 2015-01-06

**QA:** LiangLiu Zhang  
**Date:** 2015-01-06
**Sample Information**

- **Sample Name:** 10-Gingerol 15010602
- **Sample Type:** Unknown
- **Vial:** 1:E,4
- **Injection #:** 1
- **Injection Volume:** 10.00 ul
- **Run Time:** 25.0 Minutes
- **Date Acquired:** 2015-1-6 11:10:33 CST
- **Date Processed:** 2015-1-6 11:55:04 CST

<table>
<thead>
<tr>
<th>Peak Results</th>
<th>Name</th>
<th>RT</th>
<th>Area</th>
<th>% Area</th>
<th>USP Plate Count</th>
<th>USP Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>8.555</td>
<td>32007</td>
<td>0.65</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>8.786</td>
<td>4868141</td>
<td>99.35</td>
<td>13395.33</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>