WanSpheres CS-B1

Soft Bio-derived Beads

Technical Data Sheet

Name: WanSpheres CS-B1
Revision Date: 2019-04-19
No. WHSM_CSB1
Version: 1.0

Product Description

INCI Name: Water (and) Caprylic/Capric Triglyceride (and) Glycerin (and) 1,2-Hexanediol (and) Calcium Alginate (and) Gellan Gum (and) Agar (and) Ammonium Acryloyldimethyltaurate/VP Copolymer (and) CI 61565.

WanSpheres CS-B1 are visually appealing, core-shell soft beads that can be added into skin care formulations, e.g., creams, serums, etc. These millimeter-sized beads have high oil/active(s) loading for pressure-release delivery onto the skin during application. The beads are suspended in a water/butylene glycol/phenoxyethanol/caprylyl glycol preservative base. The effects of other substances and pH values on the inactivation of preservative should be noted.

Properties

1. Visually appealing with high oil/active(s) loading
2. Protection of sensitive actives from environmental factors via encapsulation
3. Release of encapsulated actives via pressure and leaves no shell behind

Characteristic data*

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
<th>Unit</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Blue Soft Beads</td>
<td></td>
<td>Visual</td>
</tr>
<tr>
<td>Size</td>
<td>1–2</td>
<td>mm</td>
<td>-</td>
</tr>
<tr>
<td>pH</td>
<td>5.0–7.0</td>
<td></td>
<td>GB/T 6920-1986</td>
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</table>

*These properties are typical but do not constitute specifications.

Storage

The product should be stored between 15–30 ºC with the integrity of the packaging, and prevented from direct sunlight. The validity of this product is for 9 months. Performance assessment is recommended before use after shelf life. The product should be protected from freezing during storage. It is suggested to filter before application and use up once the package is open.

Disclaimer: Wanhua Chemical Group Co., Ltd. recommends that customers should check with Materials Safety Data Sheet (MSDS) for details about safety instructions. We also
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