WanSpheres CS-B1J

Soft Bio-derived Beads

Technical Data Sheet

Name: WanSpheres CS-B1J
Revision Date: 2019-07-30
No. WHSM_CSB1J
Version: 1.1

Product Description

INCI Name: Water (and) Simmondsia Chinensis (Jojoba) Seed Oil (and) Glycerin (and) 1,2-Hexanediol (and) Calcium Alginate (and) Gellan Gum (and) Agar (and) Ammonium Acryloyldimethyltaurate/VP Copolymer (and) CI 61565.

WanSpheres CS-B1J 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>Vernier Caliper</td>
</tr>
<tr>
<td>pH</td>
<td>5.0–7.0</td>
<td></td>
<td>GB/T 6920-1986</td>
</tr>
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</table>

*These properties are typical but do not constitute specifications.

Storage

The product should be stored between 15–30 °C 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
WanSpheres CS-B1J

suggest that you contact the suppliers of other materials used in our recommended formulations and consult appropriate health and safety regulations prior to use. The information contained herein is believed to be reliable. However, nothing in this technical sheet should be considered as a representation of warranty, express or implicit, regarding the product characteristics, application, quality, safety, merchantability or fitness for a particular purpose. Nothing contained herein is to be considered as permission, recommendation, nor as an inducement to practice any patented invention without permission of the patent owner.