ASHAKOTE®
Aqueous Ethyl Cellulose Dispersion

Asha Cellulose (I) Pvt Ltd is the only company in the world to produce both the Ethylcellulose polymer and Aqueous Ethylcellulose Dispersion.
Ashakote is 30% aqueous dispersion of Ethyl cellulose complying with Ethylcellulose Aqueous Dispersion NF.

Benefits of Ashakote

- Reduced coating process time
- Environment friendly product
- No residual solvent toxicity
- Suitable for sustained release, taste masking and moisture barrier
- pH independent release
- No Fed state vs Fasted state issues
- Lot of data in form of research articles, poster presentations already available
- No ammonia system
- Low viscosity, non-tacky
- Ease of cleaning

Product Specifications:

<table>
<thead>
<tr>
<th>Test</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Identification</td>
<td>Pass</td>
</tr>
<tr>
<td>pH</td>
<td>4.0 – 7.0</td>
</tr>
<tr>
<td>Specific gravity</td>
<td>1.025 – 1.040</td>
</tr>
<tr>
<td>Viscosity, cps</td>
<td>NMT 150</td>
</tr>
<tr>
<td>Loss on drying %</td>
<td>68.0 – 71.0</td>
</tr>
<tr>
<td>Ethyl cellulose %</td>
<td>24.5 – 29.5</td>
</tr>
<tr>
<td>Sodium lauryl sulphate %</td>
<td>0.9 – 1.7</td>
</tr>
<tr>
<td>Cetyl alcohol %</td>
<td>1.7 – 3.3</td>
</tr>
<tr>
<td>Hydrogen peroxide, ppm</td>
<td>NMT 50</td>
</tr>
<tr>
<td>Heavy metals %</td>
<td>NMT 0.001</td>
</tr>
<tr>
<td>Total aerobic microbial count/gm</td>
<td>NMT 100</td>
</tr>
<tr>
<td>Total yeast and mold count/gm</td>
<td>NMT 20</td>
</tr>
</tbody>
</table>
Comparative % drug release profile of Metoprolol Succinate coated pellets with different percent build up using Triacetin as plasticizer

Comparative % drug release of Metoprolol succinate coated pellets with different % build up using TEC as plasticizer
Comparative % drug release profile of Venlafaxine Hydrochloride coated pellets with different percent build up using Triacetin as plasticizer

Comparative % drug release of Venlafaxine Hydrochloride coated pellets with different % build up using TEC as plasticizer
Method of use:

1 part Ashakote  
1 part Water

Mix at slow rpm

Plasticizer (7% of Ashakote quantity)

Ashakote dispersion ready for coating

Packing:

Storage:

- Should be stored at room temperature (20-25°C)
- Should not be exposed to freezing or near freezing temperatures or temperature above 35°C.

Shelf life:

24 months from the date of manufacturing

Contact Details

Indian queries
Asha Cellulose (I) Pvt Ltd
Asha House, Plot no 808/C,
Dr B A Ambedkar Road, Dadar TT,
Mumbai 400 014, India
📞 +91-22-24140020
Fax +91-22-24137190
E-mail: info@ashacel.com

Global queries
Good Hope Inc
9807 Lackman Road
Lenexa KS 66219, USA
📞 +1 913 888 8088
Fax +1 913 888 8075
E-mail: rshah@goodhopeinc.com

www.ashacel.com