IMEERYS’ kaolins are extracted from primary deposits in the South West of England, UK.

With over 200 years of heritage in the region, customers can rely on IMERYS Kaolin to supply the highest quality kaolin products.

Our kaolins have been used for decades in applications where their high-purity and low heavy metals content are particularly valued, such as in the pharmaceutical and cosmetics industries.

**ATTRIBUTES**
- High purity
- Tested by ISO accredited laboratory
- Controlled chemistry
IMERYS’ technology centre in the UK contains both an ISO 2001 Quality and Process Control laboratory and an ISO 17025 accredited analytical laboratory. This ensures that key high purity requirements of kaolins in the pharmaceutical and allied industries are tested to independently verified analytical standards.

**BP Heavy Kaolin**
Fine, white powder, odourless and smooth to the touch and practically insoluble in water and in organic solvents. A refined, natural hydrated aluminium silicate. It is tested for chemical and physical properties in the manner defined by the specification of British Pharmacopoeia 2017.

**BP Light Kaolin**
Light, white powder, free from gritty particles, odourless and unctuous to the touch. A native hydrated aluminium silicate, selectively sourced and dried and milled to a fine powder. It contains a suitable dispersing chemical and is tested for chemical and physical properties in the manner defined by the specification of the British Pharmacopoeia 2017.

**BP Light Kaolin (Natural)**
Light, white powder, free from gritty particles, odourless and unctuous to the touch. A native hydrated aluminium silicate, selectively sourced and dried and milled to a fine powder. It does **NOT** contain a dispersing agent. The product is tested for chemical and physical properties in the manner defined by the specification of the British Pharmacopoeia 2017.

All pharmaceutical grades products can be supplied in 20kg or 25kg paper sacks, with containerised pallet shipping available.

IMERYS does not guarantee conformance to microbiological limits because it does not have full control of handling and storage conditions once the product has left our premises. An irradiation service is available through a third party which irradiates to a specified dose. No guarantee of sterility can be provided.

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**Test Limits Include:**

<table>
<thead>
<tr>
<th></th>
<th>BP Heavy Kaolin</th>
<th>BP Light Kaolin</th>
<th>BP Light Kaolin (Natural)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Heavy Metals (max. ppm)</td>
<td>25</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Arsenic (max. ppm)</td>
<td>-</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Chlorides (max. ppm)</td>
<td>250</td>
<td>330</td>
<td>330</td>
</tr>
<tr>
<td>+53 micron residue (max %)</td>
<td>0.05</td>
<td>0.025</td>
<td>0.025</td>
</tr>
<tr>
<td>Loss on Drying (max %)</td>
<td>-</td>
<td>1.5</td>
<td>1.5</td>
</tr>
<tr>
<td>Loss on Ignition (max %)</td>
<td>-</td>
<td>15</td>
<td>15</td>
</tr>
</tbody>
</table>

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For more information:

If you wish to discuss further how IMERYS can help with your pharmaceutical needs, especially when considering tailor-made solutions for the pharmaceutical industry, please contact your local IMERYS representative.

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