Product Data Sheet

(5N) 99.999% Barium Phosphate

Product Code: BA-PAT-05

Formula: $\text{Ba}_3(\text{PO}_4)_2$
CAS No.: 13517-08-3
EC No.: 236-856-9
MDL: MFCD00049717

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>$\text{Ba}_3(\text{PO}_4)_2$</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00049717</td>
</tr>
<tr>
<td>EC No.</td>
<td>236-856-9</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>N/A</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>165803</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>barium(2+); diphosphate</td>
</tr>
<tr>
<td>SMILES</td>
<td>$[\text{O-}][\text{P}(=\text{O})(\text{O-})][\text{O-}]\cdot[\text{O-}][\text{P}(=\text{O})(\text{O-})][\text{O-}].[\text{Ba}+2].[\text{Ba}+2].[\text{Ba}+2]$</td>
</tr>
<tr>
<td>InchI Identifier</td>
<td>InChI=1S/3Ba.2H3O4P/c;*2<em>1-5(2,3)4/h;*2</em>(H3,1,2,3,4)/q3*+2;/p-6</td>
</tr>
<tr>
<td>InchI Key</td>
<td>WAKZZMMCDILMEF-UHFFFAOYSA-H</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.001% max.

Packaging Specifications

Typical bulk packaging includes palletized plastic 5 gallon/25 kg. pails, fiber and steel drums to 1 ton super sacks in full container (FCL) or truck load (T/L) quantities. Research and sample quantities and hygroscopic, oxidizing or other air sensitive materials may be packaged under argon or vacuum. Shipping documentation includes a Certificate of Analysis and Safety Data Sheet (SDS). Solutions are packaged in polypropylene, plastic or glass jars up to palletized 440 gallon liquid totes, and 36,000 lb. tanker trucks.
Documentation

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.