Product Data Sheet

(5N) 99.999% Bismuth Titanate

Product Code: BI-TAT-05-SLD

Formula: $\text{Bi}_4\text{Ti}_3\text{O}_{12}$
CAS No.: 12010-77-4
EC No.: 234-564-6
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>MDL Number</th>
<th>EC No.</th>
<th>Beilstein Registry No.</th>
<th>Pubchem CID</th>
<th>IUPAC Name</th>
<th>SMILES</th>
<th>InChI Identifier</th>
<th>InChI Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\text{Bi}_4\text{Ti}<em>3\text{O}</em>{12}$</td>
<td>N/A</td>
<td>234-564-6</td>
<td>N/A</td>
<td>N/A</td>
<td>bismuth(3+); tetraoxidotitanium</td>
<td>$[\text{BiH}_3+3],[\text{BiH}_3+3],[\text{BiH}_3+3],[\text{BiH}_3+3],[\text{O}-][\text{Ti}][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-][\text{O}-]$</td>
<td>InChI=1S/4Bi.12O.3Ti/q4*+3;12*-1;;;</td>
<td>KVNMYNXIQDOFRJ-UHFFFAOYSA-N</td>
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</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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.