Product Data Sheet

(4N) 99.99% Disodium Dihydrogen Ethylenediaminetetraacetate Dihydrate

Product Code: 2NA2H-EDTA-04-C.2HYD

Formula: C_{10}H_{14}N_{2}Na_{2}O_{8} \cdot 2H_{2}O
CAS No.: 6381-92-6
EC No.: 205-358-3
MDL: N/A

Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>C_{10}H_{14}N_{2}Na_{2}O_{8} \cdot 2H_{2}O</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>N/A</td>
</tr>
<tr>
<td>EC No.</td>
<td>205-358-3</td>
</tr>
<tr>
<td>Beilstein Registry No.</td>
<td>3900609</td>
</tr>
<tr>
<td>Pubchem CID</td>
<td>636371</td>
</tr>
<tr>
<td>IUPAC Name</td>
<td>disodium; 2-[(carboxylatomethyl)carboxymethyl]aminoethyl-(carboxymethyl)amino]acetate; dihydrate</td>
</tr>
<tr>
<td>SMILES</td>
<td>C(C/C{{=O}}O)/C(C{{=O}}O)/C(C{{=O}}O)/C(C{{=O}}O){[O-]}.O.{Na+}.[Na+]</td>
</tr>
<tr>
<td>InChI Identifier</td>
<td>InChI=1S/C10H16N2O8.2Na.2H2O/c13-7{14}/{3-11}/{4-8}/{15}/1-2-12({5-9}/{17}/{18})6-10(19/20)/;h1-6H2{,H(13,14)/(H(15,16)/(H(17,18)/(H(19,20);{;2*1H2,q2+1;}:p-2</td>
</tr>
<tr>
<td>InChI Key</td>
<td>OVBJZOOQPCKUOR-UHFFFAOYSA-L</td>
</tr>
</tbody>
</table>

Total Metal Impurities: 0.01% 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.