Product Data Sheet
(5N) 99.999% Zinc Methionine
Product Code: ZN-OMX-05

Formula: C_{5}H_{11}NO_{6}S_{2}Zn
CAS No.: 56329-42-1
EC No.: 260-113-8
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>
</tr>
</thead>
<tbody>
<tr>
<td>C_{5}H_{11}NO_{6}S_{2}Zn</td>
<td>N/A</td>
<td>260-113-8</td>
<td>N/A</td>
<td>22849947</td>
</tr>
</tbody>
</table>

IUPAC Name: zinc; (2S)-2-amino-4-methylsulfanylbutanoic acid; sulfate
SMILES: CSCCC(C(=O)O)N.[O-][S(=O)(=O)[O-]];[O-];[Zn+2]
InChI Identifier: InChI=1S/C5H11NO2S.H2O4S.Zn/c1-9-3-2-4(6)5(7)8;1-5(2,3)4;/h4H,2-3,6H2,1H3,(H,7,8);(H2,1,2,3,4)/q;;+2/p-2/14::/m0../s1
InChI Key: ROUREIAZUKQVBD-FHNDMYTFSA-L

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.
<table>
<thead>
<tr>
<th>Documentation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.</td>
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</tbody>
</table>