Product Data Sheet

(4N) 99.99% Zinc Methionine

Product Code: ZN-OMX-04

**Formula:** $\text{C}_5\text{H}_{11}\text{NO}_6\text{S}_2\text{Zn}$

**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>
<th>IUPAC Name</th>
<th>SMILES</th>
</tr>
</thead>
<tbody>
<tr>
<td>$\text{C}<em>5\text{H}</em>{11}\text{NO}_6\text{S}_2\text{Zn}$</td>
<td>N/A</td>
<td>260-113-8</td>
<td>N/A</td>
<td>22849947</td>
<td>zinc; (2S)-2-amino-4-methylsulfanylbutanoic acid; sulfate</td>
<td>CSCCC(C(=O)O)N.[O-]S(=O)(=O)[O-].[Zn+2]</td>
</tr>
</tbody>
</table>

**Pubchem CID:** 22849947

**IUPAC Name:** zinc; (2S)-2-amino-4-methylsulfanylbutanoic acid; sulfate

**SMILES:** CSCCC(C(=O)O)N.[O-]S(=O)(=O)[O-].[Zn+2]

**InChI Identifier:** InChI=1S/C5H11NO6S.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:** 0.01% 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.
A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.