Product Data Sheet
(2N) 99% Aluminum Nanoparticles
Product Code: AL-M-02-NP

**Formula:** Al  
**CAS No.:** 7429-90-5  
**EC No.:** 231-072-3  
**MDL:** MFCD00134029

### Chemical Identifiers

<table>
<thead>
<tr>
<th>Linear Formula</th>
<th>Al</th>
</tr>
</thead>
<tbody>
<tr>
<td>MDL Number</td>
<td>MFCD00134029</td>
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<td>EC No.</td>
<td>231-072-3</td>
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<tr>
<td>Beilstein Registry No.</td>
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<td>Pubchem CID</td>
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<tr>
<td>IUPAC Name</td>
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<td>SMILES</td>
<td>[Al]</td>
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<tr>
<td>InChI Identifier</td>
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<tr>
<td>InChI Key</td>
<td>XAGFODPZIPBFR-UHFFFAOYSA-N</td>
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</tbody>
</table>

**Total Metal Impurities:** 1.0% 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.