Product Data Sheet

(4N) 99.99% Tris(ethylenediamine)cobalt(III) Chloride Dihydrate

Product Code: CO-OMX-04

**Formula:** $C_6H_{24}N_6Cl_3Co \cdot 2H_2O$

**CAS No.:** 207802-43-5

**EC No.:** 236-499-9

**MDL:** MFCD00149055

### 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>Inchl Identifier</th>
<th>Inchl Key</th>
</tr>
</thead>
<tbody>
<tr>
<td>$C_6H_{24}N_6Cl_3Co \cdot 2H_2O$</td>
<td>MFCD00149055</td>
<td>236-499-9</td>
<td>N/A</td>
<td>71311392</td>
<td>ethane-1,2-diamine; trichlorocobalt; dihydrate</td>
<td>C(CN)N.C(CN)N.C(CN)N.O.O.Cl<a href="Cl">Co</a>Cl</td>
<td>InChI=1S/3C2H8N2.3ClH.Co.2H2O/c3<em>3-1-2-4;;;;;;/h3</em>1-4H2;3<em>1H;2</em>1H2/q;;;;;+3;;/p-3</td>
<td>ALLUKJGRPOLBEF-UHFFFAOYSA-K</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.