

# Product Data Sheet

**(5N) 99.999% Cobalt Potassium Citrate**

**Product Code: CO-KCAT-05**

**Formula:** C<sub>6</sub>H<sub>5</sub>CoKO<sub>7</sub>

**CAS No.:** 94266-16-7

**EC No.:** 304-421-3

**MDL:** N/A

## Chemical Identifiers

<b>Linear Formula</b>	C <sub>6</sub> H <sub>5</sub> CoKO <sub>7</sub>
<b>MDL Number</b>	N/A
<b>EC No.</b>	304-421-3
<b>Beilstein Registry No.</b>	N/A
<b>Pubchem CID</b>	216412
<b>IUPAC Name</b>	potassium; cobalt(2+); 2-hydroxypropane-1,2,3-tricarboxylate
<b>SMILES</b>	C(C(=O)[O-])C(CC(=O)[O-])(C(=O)[O-])O.[K+].[Co+2]
<b>Inchl Identifier</b>	InChI=1S/C6H8O7.Co.K/c7-3(8)1-6(13,5(11)12)2-4(9)10;;/h13H,1-2H2,(H,7,8)(H,9,10)(H,11,12);;/q;+2;+1/p-3
<b>Inchl Key</b>	WSBSFRLACYCACI-UHFFFAOYSA-K

**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.

**Documentation**

A Certificate of Analysis and Materials Safety Data Sheet (SDS) in accordance with EN 10204 are supplied with every shipment.