



CERTIFICATE OF ANALYSIS

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1. Identification

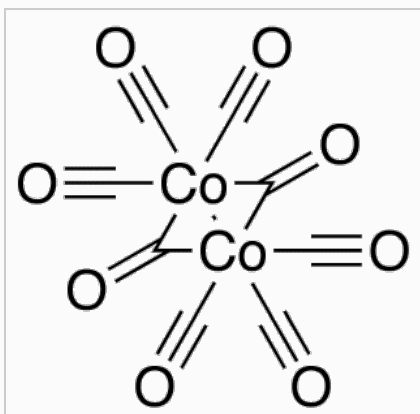
Catalogue Number: C633100

CAS Number: 10210-68-1

Product: Cobalt Carbonyl (Stabilized with 1-5% Hexane)

Synonym: Cobalt octacarbonyl ($\text{Co}_2(\text{CO})_8$); Cobalt Tetracarbonyl Dimer; Di- μ -carbonylhexacarbonyldicobalt; Dicobalt Carbonyl; Dicobalt Octacarbonyl; Octacarbonyldicobalt;

Structure:



Molecular Formula:

$\text{C}_8\text{Co}_2\text{O}_8$

Molecular weight:

341.95

Source of Product:

N/A

Solubility:

Dichloromethane (Slightly),
Methanol (Slightly)

Lot Number: 3-ASA-82-1

Purity: 95%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Dark Red to Very Dark Brown Solid	Dark Red Solid
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 26.67
FT-IR	Conforms to Structure	Conforms

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	1/13/2022	1/11/2026