

Specification Sheet

255599 Sigma-Aldrich

Cobalt(II) chloride hexahydrate

ACS reagent, 98%

Synonym: Cobaltous chloride hexahydrate

- CAS Number [7791-13-1](#)
- Linear Formula $\text{CoCl}_2 \cdot 6\text{H}_2\text{O}$
- Molecular Weight 237.93
- EC Number [231-589-4](#)
- MDL number [MFCD00149652](#)
- PubChem Substance ID [329752799](#)
- NACRES NA.21



SKU-Pack Size	Availability	Pack Size	Price (SGD)	Quantity
255599-5G	Estimated to ship on 28.04.2021 - FROM	5 g		<input type="text" value="0"/>
255599-100G	Available to ship on 14.04.2021 - FROM	100 g		<input type="text" value="0"/>
255599-500G	Available to ship on 14.04.2021 - FROM	500 g		<input type="text" value="0"/>

Properties

Related Categories [Catalysis and Inorganic Chemistry](#), [Chemical Synthesis](#), [Cobalt](#)
[Catalysts](#), [Cobalt Salts](#), [Essential Chemicals](#),

grade ACS reagent

vapor pressure 40 mmHg (0 °C)

assay 98%



98.0-102.0% (ACS specification)

form	powder, crystals or chunks
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reaction suitability	reagent type: catalyst core: cobalt
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impurities	≤0.01% insolubles
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anion traces	nitrate (NO ₃): ≤0.01%
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	sulfate (SO ₄ ²⁻): ≤0.01%
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cation traces	Ca: ≤0.005%
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	Cu: ≤0.002%
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	Fe: ≤0.005%
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	K: ≤0.01%
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	Mg: ≤0.005%
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	Na: ≤0.05%
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	Ni: ≤0.1%
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	Zn: ≤0.03%
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storage temp.	room temp
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SMILES string	O.O.O.O.O.O.Cl[Co]Cl
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InChI	1S/2ClH.Co.6H2O/h2*1H;;6*1H2/q;;+2;;;;;;/p-2
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