

Issued Date: June 13, 2023

Version No : 3

Product: Cobalt Oxide - Electronic Grade

CAS No.: 1308-06-1

Appearance

A fine black powder.

Chemical Analysis

Cobalt, as Co, wt %	73.5±0.5
Manganese, as Mn, ppm	≤ 100
Iron, as Fe, ppm	≤ 100
Nickel, as Ni, ppm	≤ 500
Copper, as Cu, ppm	≤ 20
Sodium, as Na, ppm	≤ 500
Calcium, as Ca, ppm	≤ 100
Magnesium, as Mg, ppm	≤ 100
Zinc, as Zn, ppm	≤ 50
Lead, as Pb, ppm	≤ 50
Chromium, as Cr, ppm	≤ 50

Typical Physical Characteristics

Particle size (D ₅₀) , micron	≤ 4
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Principal Use

- As a colorant for glass, ceramics and enamels.
- As a decolorant in glass manufacture.
- As a raw material for battery industry.
- As a catalyst./ As a pigment.

Packaging

- 25kg Aluminum bag for 1,000kg on a pallet.

**Special packaging requirements are available on request.*

**Products can be manufactured to individual customer requirements on request.*