

CoOLR

**UNITED**  
**W O L F R A M**

COBALT OXIDE

TECHNICAL DATA SHEET

CAS NO : 1308-06-1

COBALT OXIDE ( Co<sub>3</sub>O<sub>4</sub>, CoO, Co<sub>2</sub>O<sub>3</sub> )

**PHYSICAL ANALYSIS :**

COLOUR : BLACK  
APPERENCE: POWDER FORM  
STRUCTURE : PERICLASE  
DENSITY : 5.18 - 6.1 g/cm<sup>3</sup>  
MELTING POINT : 1933 °C. 2206 K  
SOLUBILITY:INSOLUBLE IN H<sub>2</sub>O, SOLUBLE IN SA  
ASSAY : 99.99 %

**CHEMICAL ANALYSIS :**

M.W : 74.93 g/mol(CoO),165.8 g/mol(Co<sub>2</sub>O<sub>3</sub>), 40.8 g/mol

PARAMETERS	SPECIFICATION
Al	< 05 ppm
As	< 05 ppm
Ca	< 10 ppm
Cr	< 30 ppm
Fe	< 20 ppm
K	< 15 ppm
Mg	< 15 ppm
Mo	< 50 ppm
Na	< 20 ppm
Ni	< 10 ppm
Si	< 25 ppm
Cu	< 10 ppm
Mn	< 15 ppm
Co	< 15 ppm
Sn	< 10 ppm

**PACKING :** 100 % VERGINE HIGH DENSITY BAGS 20 KG, 30 KG, 50 KG IN HDPE DRUMS

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