

# Nickel Oxide Black

**Molecular Formula:** NiO

**Synonyms:** Black Nickel Oxide, Nickel Monoxide

**CAS No:** 1313-99-1

## Chemical Data:

Parameter	Specification	Typical Value
Nickel	76.6% - 77.9%	77%
Cu	10 PPM	< 10 PPM
Co	15 PPM	< 15 PPM
Fe	150 PPM	< 50 PPM
S	10 PM	< 10 PPM
Si,Al	50 PPM	< 50 PPM
C,Mg,Na,K,Ca,Pb,Zn	10 PPM	< 10 PPM
P,Se,Bi,Cd,Hg,	1 PPM	< 1 PPM

## Morphological Data:

Particle size d 50	8 u m
D 90	17 u m
Appearance	Black Powder
BET	76 m <sup>2</sup> /gm
Mol.Wt	74.6928 g/mol