



## TECHNICAL DATA SHEET

Version: B 2016/09/08

### BISMUTH OXIDE WET CHEMICAL INDUSTRIAL GRADE SIEVED

Determination	Unit	Specification
Bi	%	≥ 89.3
Loss on drying	%	≤ 0.2
Ag	ppm	≤ 15
As	ppm	≤ 5
Ca	ppm	≤ 20
Cu	ppm	≤ 10
Cd	ppm	≤ 10
Fe	ppm	≤ 20
Mg	ppm	≤ 10
Na	ppm	≤ 150
Ni	ppm	≤ 10
Pb	ppm	≤ 10
Zn	ppm	≤ 5
Cl	ppm	≤ 100
SO4	ppm	≤ 100

Formula	Bi <sub>2</sub> O <sub>3</sub>
Molecular weight	466
Purity %	99.9
Appearance	Yellow powder
CAS	1304-76-3
EINECS	215-134-7

Application	Enamels
	Pigments
	Carboxylates
	Technical
	Fireworks

Packaging	Paper bag
	Big bag

Particles size	Standard	Max
D50 μm	20 - 25	30

Tapped density	g/ml	3 - 6
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