



TECHNICAL DATA SHEET

Version: E - 2017/01/12

BISMUTH OXIDE THERMAL INDUSTRIAL GRADE

Determination	Unit	Specification
Bi	%	≥ 89.5
Li	ppm	≤ 5
Na	ppm	≤ 80
K	ppm	≤ 10
Ca	ppm	≤ 15
Mg	ppm	≤ 5
Al	ppm	≤ 10
Si	ppm	≤ 20
As	ppm	≤ 5
Cd	ppm	≤ 5
Fe	ppm	≤ 20
Sn	pp	≤ 10
Ni	ppm	≤ 5
Cu	ppm	≤ 5
Pb	ppm	≤ 10
Ag	ppm	≤ 10
Sb	ppm	≤ 10
Cl	ppm	≤ 10
SO4	ppm	≤ 10
Loss on drying	%	≤ 0.2

REACH Registration N°
01-2119560578-27-0017

Formula	Bi ₂ O ₃
Molecular weight	466
Purity %	99.99
Appearance	Yellow powder
CAS	1304-76-3
EINECS	215-134-7

Application	Enamels
	Pigments
	Carboxylates

Packaging	Paper bag
	Big bag

Tapped density g/ml	3 to 5.5
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Particles size	Standard	Max
D50 μm	5.5 -7.0	10
Particles size	Coarse	Max
D50 μm	10-50	100