



TECHNICAL DATA SHEET

Version: A - 2016/07/26

BISMUTH OXIDE WET CHEMICAL PURE GRADE FINE

Determination	Unit	Specification
Bi	%	≥ 89.5
Na	ppm	≤ 5
Ca	ppm	≤ 5
Mg	ppm	≤ 5
Al	ppm	≤ 5
Si	ppm	≤ 5
As	ppm	≤ 5
Cd	ppm	≤ 5
Fe	ppm	≤ 5
Ni	ppm	≤ 5
Cu	ppm	≤ 5
Pb	ppm	≤ 5
Ag	ppm	≤ 5
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	Detonators
	Chip varistors
	Capacitors
	Electronic

Packaging	paper bag
	Big-bag

Particle size	standard	Max
D50 μm	1.7	2