



TECHNICAL DATA SHEET

Version: A - 2016/02/18

BISMUTH OXIDE WET CHEMICAL HPVL PURE GRADE

Determination	Unit	Specification
Bi	%	≥ 89.4
Al	ppm	≤ 5
Ca	ppm	≤ 5
Cl	ppm	≤ 25
Cu	ppm	≤ 5
Fe	ppm	≤ 40
Mg	ppm	≤ 5
Na	ppm	≤ 30
Pb	ppm	≤ 10
Si	ppm	≤ 20
SO4	ppm	≤ 50
Loss on drying	%	≤ 0.2
Particle size D50	μm	2 to 3.5

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	Varistor
	Arrestor
	Carboxylates
	Electronic

Packaging	Paper bag
	Big bag