

Bismuth Oxide, technical grade

30.07.07

Nomenclature	Bismuth Oxide Bismuthous Oxide Bismuth Yellow Bismuth Sesquioxide
Formula	Bi ₂ O ₃
CAS Number	1304-76-3
Specifications	Bismuth Oxide (Bi ₂ O ₃) min. 99.9 % (dry basis) Bismuth (Bi) 89.5 - 89.9 % Loss on drying max. 0.2 % Nitrate (NO ₃) Pass Test Sulphate (SO ₄) max. 10 ppm Chloride (Cl) max. 10 ppm Copper (Cu) max. 50 ppm Lead (Pb) max. 20 ppm Iron (Fe) max. 200 ppm Sodium (Na) max. 300 ppm

Typical Properties Solubility: Insoluble in water. Soluble in mineral acids.

Bulk density-Tapped: 4 g/cm³

Density: appr. 8.9 g/cm³

Molecular Weight: 465.96

Average Particle Size: 10 microns maximum

Container 25 kg Fiber Drum

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