

Bismuth Oxide, Submicron

30.07.07

Nomenclature Bismuth Oxide
Bismuthous Oxide
Bismuth Yellow
Bismuth Sesquioxide

Formula Bi₂O₃

CAS Number 1304-76-3

Specifications

Bismuth	89.5-89.9 %
Total metal	
impurities	max. 100 ppm
Sodium (Na)	max. 10 ppm
Iron (Fe)	max. 10 ppm
Magnesium (Mg)	max. 10 ppm
Aluminium (Al)	max. 5 ppm
Cadmium (Cd)	max. 5 ppm
Calcium (Ca)	max. 5 ppm
Copper (Cu)	max. 5 ppm
Lead (Pb)	max. 5 ppm
Nickel (Ni)	max. 5 ppm
Silver (Ag)	max. 5 ppm
Chloride (Cl)	max. 10 ppm
Sulphate (SO ₄)	max. 10 ppm

Typical Properties Insoluble in water. Soluble in mineral acids.

Density: 8.9 g/cm³

Molecular Weight: 465.96

Container Fiber drums

HEK GmbH
Kaninchenborn 24 - 28
D - 23560 Lübeck
Tel.: +451-53004-0
FAX: +451-53004-50
Email: Info@mcp-group.de