

Bismuth Oxide Suspension

30.07.07

Nomenclature Bismuth Oxide - Suspension
Bismuthous Oxide - Suspension
Bismuth Yellow - Suspension
Bismuth Sesquioxide - Suspension

Formula $\text{Bi}_2\text{O}_3 - \text{H}_2\text{O}$

CAS Number 1304-76-3, 7732-18-5

Specifications

Content (Bi_2O_3)	38 - 42 %
Particle size (d50)	0.3 - 0.5 μm
Bismuth (Bi of dried suspension)	89.3 - 90.1 %
Nitrate (NO_3)	Pass Test
Sulphate (SO_4)	max. 10 ppm
Chloride (Cl)	max. 10 ppm
Iron (Fe)	max. 200 ppm
Sodium (Na)	max. 300 ppm

Typical Properties Solubility: Insoluble in but miscible with water.
Soluble in mineral acids.

Density of Bi_2O_3 : 8.9 g/cm³

Molecular Weight of Bi_2O_3 : 465.96

Container 12,5 kg Polydrums

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