

Bismuth Subcarbonate TS grade 30.07.07

Nomenclature Basic Bismuth Carbonate
Bismuth Oxycarbonate
Bismuth Carbonate Oxide
Bismutum Subcarbonicum

Formula $(\text{BiO})_2\text{CO}_3$

CAS Number 5892-10-4

Description White to pale yellowish powder, odorless and tasteless. Due to a special manufacturing procedure the product shows a very good thermal stability. Decomposition to yellow Bismuth Oxide occurs at temperatures higher than for Bismuth Subcarbonate produced according to the standard procedure. This makes the TS grade ideal for applications where high temperatures are needed, i. e. fillers for plastics.

Specifications	Bismuth Subcarbonate	97.6 - 100.7 %
	Nitrate (NO_3)	max. 0.4 %
	Loss on drying	max. 1.0 %
	Alkalies	max. 1.0 %
	Chloride (Cl)	max. 500 ppm
	Copper (Cu)	max. 50 ppm
	Lead (Pb)	max. 20 ppm
	Silver (Ag)	max. 25 ppm
	Arsenic (As)	max. 0.5 ppm
	All test methods according to USP	

Do not use this product for oral dosage forms!

Typical Properties Solubility: Insoluble in water. Soluble in mineral acids.
Density: 8.0 g/cm^3
Molecular Weight: 510

Container 25 kg Fiber Drum

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