

Bismuth Subnitrate

30.07.07

USP, Ph. Eur.

Nomenclature	Bismuth Hydroxide Nitrate Oxide Basic Bismuth Nitrate Bismuth Oxynitrate Bismuthyl Nitrate Bismuth White	
Formula	4(BiNO ₃ (OH) ₂),BiO(OH)	
CAS Number	1304-85-4	
Specifications	Bismuth (Bi)	71.0 - 74.0 %
	Bismuth Trioxide	min. 79.0 %
	Loss on drying	max. 3.0 %
	Alkalies and Alkaline Earths	max. 0.5 %
	Arsenic	max. 8 ppm
	Chloride	max. 200 ppm
	Lead	max. 20 ppm
	Copper	max. 50 ppm
	Silver	max. 25 ppm
	Carbonate	pass test
	Sulphate	pass test
	Ammonium	pass test
	Acidity	max. 0.5 ml

Typical Properties Insoluble in water and alcohol. Soluble in mineral acids.

Bulk density-Tapped: Light form: max. 1.0 g/cm³
Heavy form: min. 1.0 g/cm³

Density: 4.9 g/cm³

Molecular Weight: 287

Container 25 kg net in Fiber drum

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