



American International Chemical, Inc.

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SPECIFICATION SHEET

BISMUTH SUBNITRATE USP

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
BSNFMP	4224	1304-85-4	September 9, 2010	NSG	No. 1	TJK

CHARACTERISTICS:	A white, heavy, slightly hygroscopic powder.
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SPECIFICATIONS:	Identification	To pass test
	Assay (as Bi ₂ O ₃)	79.0% min
	Appearance	White powder
	Loss on drying	3.0% max
	Carbonates	To pass test
	Chloride	350 ppm max
	Sulfate	10 mg/g max
	Copper	To pass test
	Silver	To pass test
	Lead	To pass test
	Arsenic	8 ppm max
	Residual solvents	Meets requirements
	Ammonium salts	To pass test
	Alkalies and alkaline earths	0.5% max
	Microbiological	
	Bacteria	Less than 10 CFU/g
	Yeast	Less than 10 CFU/g
Mold	Less than 10 CFU/g	

PACKAGING:	40 kg kraft drum with PE liner. 10 drums per pallet.
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APPLICATIONS:	Cosmetics, medicines (some skin creams), catalysts. Ceramic glazes, luminous paints and enamels.
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