



American International Chemical, Inc.

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SPECIFICATION SHEET

BISMUTH SUBCARBONATE USP

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
BSCFMP	4224	5892-10-4	September 9, 2010	NSG	No. 1	TJK

CHARACTERISTICS:	White, odorless, tasteless powder, insoluble in water and alcohol.
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SPECIFICATIONS:	Assay (as $(\text{BiO})_2\text{CO}_3$)	97.6-100.7%
	Assay as Bismuth	89-91%
	Identification	
	Bismuth	To pass test
	Carbonate	To pass test
	Loss on drying	1.0% max
	Nitrates	0.4% max
	Chloride	500 ppm max
	Copper	50 ppm max
	Silver	25 ppm max
	Lead	20 ppm max
	Arsenic	5 ppm max
	Residual solvents	Meets requirements
	Alkalies and alkaline earths	1.0% max
	Microbiological	
	Bacteria	Less than 10 CFU/g
Yeast	Less than 10 CFU/g	
Mold	Less than 10 CFU/g	

PACKAGING:	25 kg P.E. lined fiber drum
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APPLICATIONS:	Cosmetics, treatment of gastric ulcers, opacifier in x-ray diagnosis, medical tubing, ceramics, enamel fluxes and cleaning glazes.
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