



American International Chemical, Inc.

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SPECIFICATION SHEET

L-SELENOMETHIONINE 0.5% BLEND

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
LSMNUP	2750	3211-76-5	March 27, 2011	RVK	No. 2	MPR

CHARACTERISTICS:	White powder with characteristic odor that is insoluble in water. Manufactured with L-Selenomethionine USP and Dicalcium Phosphate USP/FCC.
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SPECIFICATIONS:	Identification	
	A	A 0.005% w/v solution in water shows UV maxima at about 220 nm
	B	To comply for calcium and phosphate radicals
	Assay	
	L(+)Selenomethionine	1.25% min (dry basis)
	Dicalcium phosphate	98.5% min
	Selenium content	5,000 mcg selenium/g in dicalcium phosphate (minimum)
	Loss on drying	2.0% max
	Heavy metals	20 ppm max
	Arsenic	1 ppm max
	Lead	10 ppm max
	Sieve test (passes through)	
	20 mesh	100.0% min
	40 mesh	95.0% min
	80 mesh	90.0% min
	Microbiological profile	
	Total plate count	10,000 cfu/g max
	Mold and yeast	1,000 cfu/g max
	Escherichia coli	Negative
	Salmonella	Negative

PACKAGING:	5 kg, 10 kg and 25 kg fiber drums, 1 kg plastic bottle
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APPLICATIONS:	Nutritional supplement
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