



Certificate of Analysis

Product Name:	L-Selenomethionine	Batch Number:	Varies
CAS No.	3211-76-5	Manufacture Date:	Varies
Molecular Formula:	C₅H₁₁NO₂Se	Expiry Date::	Varies

IDENTIFICATION		SPECIFICATION	RESULT
Physical	Appearance	Off white to white colored powder	Complies
	Odor	Characteristic	Complies
	Loss on drying	≤ 3%	1.2 - 1.5%
	Particle size	≥ 100% pass 20 mesh ≥ 95% pass 40 mesh ≥ 90% pass 80 mesh	Complies
	Dicalcium phosphate	≥ 98.5%	98.81 - 99.05%
	L-Selenomethionine	≥ 1.25%	1.40 - 1.41%
	Selenium	≥ 0.5%	0.75 - 0.76%
	Residual solvents	To comply as per USP	Complies
Chemical	Heavy metals	≤ 20 ppm	Complies
	Lead (Pb)	≤ 2 - 3 ppm	Complies
	Arsenic (As)	≤ 1 - 2 ppm	Complies
	Cadmium (Cd)	≤ 1 - 2 ppm	Complies
	Mercury (Hg)	≤ 0.1 ppm	Complies
Microbial	Total Plate Count	≤ 1000 - 3000 cfu/g	Complies
	Yeast & Mold	≤ 100 - 300 cfu/g	Complies
	E. Coli, Salmonella, Staphylococcus,	Negative	Complies
	Pseudomonas	Negative	Complies

Else	Storage condition	Sealed, kept in shady and dry place
	Shelf life	Two years

