



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204050
Lot Number: SAMPLE
Product Name: L-Selenomethionine
CAS Number: 3211-76-5
Molecular Formula: $C_5H_{11}NO_2Se$
Molecular Weight: 196.1

Test	Result
Appearance	Off-white crystalline powder
Identification (Infrared Spectrum)	Consistent with structure
Purity (HPLC)	98.27%
Purity (Titration)	98.64%
Melting Point	260 °C (dec.)
Solubility	Soluble in hot water, very slightly soluble in alcohol
Optical Rotation	+17.59° (C=1 in 1N HCl)
Heavy Metals (Pb)	< 1 ppm
Loss on Drying	0.36%
Single Impurity	< 0.5%
Total Impurities	< 1%
Arsenic	< 0.5 ppm
Cadmium	< 0.5 ppm
Mercury	< 0.5 ppm
Selenium	39.48%
Sodium	< 1000 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.