



CERTIFICATE OF ANALYSIS

Product Name	L-Alanine		
Batch No	20140302	Manufacturing Date	2 nd March 2014
Source		Shelf Life	1 st March 2017
Appearance	White Crystalline Powder		
ANALYSIS		RESULT	
Tests			
Assay	99.48%		
Other Amino Acids	None		
Chloride	< 0.01%		
Ammonium	< 0.02%		
Sulphate	< 0.01%		
Loss on drying	0.05%		
Residue on ignition	0.07%		
pH	6.0		
Specific Optical Rotation	+14.70°		
Heavy Metals (ppm)			
Arsenic (ppm)	< 1		
Lead (ppm)	< 3		
Cadmium (ppm)	< 1		
Mercury (ppm)	< 0.1		
Iron (ppm)	< 6		
Microbial Analysis			
Aerobic Plate Count (cfu/g)	< 1000		
GMO Status			
GMO Status		Non-GMO	
Irradiation Status			
Irradiation Status		Non-Irradiated	

This is a direct copy of the manufacturer Certificate of Analysis

 **100% QUALITY ASSURANCE GUARANTEE**