



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

Corporate Headquarters
AMRESKO, LLC
6681 Cochran Road
Solon, Ohio USA 44139-4300
440/349-1199 FAX: 440/349-1182
www.amresco-inc.com
Email: info@amresco-inc.com

CERTIFICATE OF QUALITY

Product: L-ALANINE
Grade: HIGH PURITY GRADE
Code: 0106
Appearance: White crystalline powder
Mol. Formula: C3H7NO2
Mol. Weight: 89.09
Description: Material is of non-animal origin.

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Arsenic		0.00015	%	PASS
Ash		0.15	%	PASS
Chloride		0.05	%	PASS
Heavy Metals		0.001	%	PASS
Identification	PASS		P/F	PASS
Iron		0.003	%	PASS
Loss on Drying		0.2	%	PASS
pH (5%, Water) @25C	5.5	7.0		PASS
Purity	99.0		%	PASS
Specific Rotation	+13.7	+15.1	degrees	PASS
Sulfate		0.03	%	PASS

Storage: Store at room temperature. Protect from moisture.

0106HPG

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:

Title:

QC MANAGER

Date:

6/13/2012