

CHEMICALSTORE.COM

1059 Main Avenue, Clifton, NJ 07011
Tel: (973) 405-6248 Fax: (973) 272-1073

CERTIFICATE OF ANALYSIS

PRODUCT **DL-MALIC ACID, FCC**
LOT No. G5C436
MFG DATE: MARCH 28, 29, 2015
RE-TEST: Every two years
COUNTRY OF ORIGIN CANADA

<u>TEST ITEMS</u>	<u>SPECIFICATIONS</u>	<u>RESULTS</u>
Identification by IR	Positive for Malic Acid	Positive
Assay	99.0 – 100.5%	99.6%
Maleic Acid	0.05% max	≤ 0.05%
Fumaric Acid	1.00% max	≤ 1.00%
Residue on Ignition	0.10% max	≤ 0.10%
Lead (Pb)	2 ppm max	≤ 2 ppm
Water Insoluble Matter	0.10% max	≤ 0.10%
Specific Rotation	-0.10° to +0.10°	Passes
Particle Size		
On 25 Mesh (710 µm)	1.0% max	0.0%
On 100 Mesh (150 µm)	5.0% max	2.0%

The specification and test results are from the original Manufacturer's/Supplier's Certificate of Analysis. This product may be repackaged for safety, export or small quantity sales.

Chemical Store Inc.
Quality Control and Compliance
Mohammad Hamzeh