GFS Chemicals, Inc. Columbus, Ohio 43223

LOT ANALYSIS

ITEM: 649 CITRIC ACID, ANHYDROUS, REAGENT (ACS)

LOT#:C035913

Test	PASS/FAIL	NUMERICAL RESULT
Assay 99.5% min.	PASS	100.0%
Insoluble 0.005%	PASS	<0.005%
Residue after ignition 0.02%	PASS	<0.02%
Chloride 0.001%	PASS	<0.001%
Oxalate - Pass test (about 0.05%)	PASS	Pass Test
Phosphate 0.001%	PASS	<0.001%
Sulfur compounds (as SO4) 0.002%	PASS	<0.002%
Lead 0.0002%	PASS	<0.0002%
Iron 0.0003%	PASS	<0.0003%
Subs. carbonizable by hot Sulfuric acid -Pass test	PASS	Pass Test

TRACEABLE TO N.I.S.T. (Y/N)? Y Comment: Reported by: Karen Hirsch Quality Assured to Retest Point: 60 months from shipment C/A Print Date: 12/22/2015

QC Supervisor: Charles Fontaine

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice (CGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html For resale by GFS authorized distributors only.

GFS Chemicals, Inc. P.O. Box 245 Powell, OH 43065 * Signed Orig. Doc. on File 800-858-9682 (U.S. and Canada) 740-881-5501(International) 740-881-5989 (Fax)