## GFS Chemicals, Inc. Columbus, Ohio 43223

## LOT ANALYSIS

ITEM: 1589 PHOSPHORIC ACID, 85%, HIGH PURITY

LOT#:L027244

| Test                                       | PASS/FAIL | NUMERICAL RESULT |
|--|-----------|------------------|
| Assay 85% min.                             | PASS      | 85.5%            |
| Color (APHA) 10 max.                       | PASS      | <10              |
| Insoluble matter, Ca, Mg, NH4OH ppt 0.005% | PASS      | <.005%           |
| Reducing substances -pass test             | PASS      | pass test        |
| Chloride 0.0003%                           | PASS      | <.0003%          |
| Nitrate 0.0005%, Sulfate 0.002%            | PASS      | <.0005%,<.002%   |
| Volatile acids (as CH3COOH) 0.001%         | PASS      | <.001%           |
| Antimony 0.002%, Arsenic 0.00005%          | PASS      | <.002%,<.00005%  |
| Calcium 0.002%                             | PASS      | <.002%           |
| Copper 0.0002%                             | PASS      | <.0002%          |
| Heavy metals (Pb) 0.0003%, Iron 0.001%     | PASS      | <.0003%,<.001%   |
| Magnesium 0.0005%, Manganese 0.00005%      | PASS      | <.0005%,<.00005  |
| Potassium 0.001%                           | PASS      | <.001%           |
| Sodium 0.0015%                             | PASS      | <.0015%          |

TRACEABLE TO N.I.S.T. (Y/N)? Y

Comment:

Reported by: Steve Eckert QC Supervisor: Jen E Bodine

Quality Assured to Retest Point: NOT REQUIRED

C/A Print Date: 12/22/2015

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