GFS Chemicals, Inc. Columbus, Ohio 43223

LOT ANALYSIS

ITEM: 628 SULFURIC ACID, REAGENT (ACS)

LOT#:L027201

| Test | PASS/FAIL | NUMERICAL RESULT |
|--|-----------|------------------|
| Assay 95.0-98.0% | PASS | 95.7% |
| Appearance-Free of suspended or particulate matter | PASS | Passes test |
| Color (APHA) 10 max | PASS | <10 |
| Residue after ignition 0.0005% | PASS | <.0005% |
| Chloride 0.00002% | PASS | <.0002% |
| Nitrate 0.00005% | PASS | <.0005% |
| Ammonium 0.0002% | PASS | <.0002% |
| Substances reducing permanganate - Pass Test | PASS | Passes test |
| Arsenic 0.000001% | PASS | <.00001% |
| Heavy metals 0.0001% | PASS | <.0001% |
| Iron 0.00002% | PASS | <.0002% |
| Mercury 0.0000005% | PASS | <.000005% |

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

Comment:

Reported by: John Rammenga QC Supervisor: Alysa Panepinto

Quality Assured to Retest Point: NOT REQUIRED

C/A Print Date: 12/22/2015

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