

**GFS Chemicals, Inc.**  
**Columbus, Ohio 43223**

LOT ANALYSIS

ITEM: 779 CALCIUM NITRATE, TETRAHYDRATE, REAGENT (ACS)

LOT#:

| Test   | PASS/FAIL | NUMERICAL RESULT |
|--|-----------|------------------|
| Assay 99.0-103.0%                            | FAIL      |                  |
| Insoluble and NH <sub>4</sub> OH ppt. 0.005% | FAIL      |                  |
| pH of 5% solution 5.0-7.0 @25C               | FAIL      |                  |
| Chloride 0.005%                              | FAIL      |                  |
| Sulfate 0.002%                               | FAIL      |                  |
| Barium 0.005%                                | FAIL      |                  |
| Heavy Metals (Pb) 0.0005%                    | FAIL      |                  |
| Iron 0.0005%                                 | FAIL      |                  |
| Magnesium 0.05%                              | FAIL      |                  |
| Nitrite 0.001%                               | FAIL      |                  |
| Potassium 0.005%                             | FAIL      |                  |
| Sodium 0.01%                                 | FAIL      |                  |
| Strontium 0.05%                              | FAIL      |                  |

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

Comment:

Reported by:

QC Supervisor: Robert Kramer

Quality Assured to Retest Point: NOT REQUIRED

C/A Print Date: 12/22/2015

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