

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

LOT ANALYSIS

ITEM: 625 HYDROCHLORIC ACID, 37%, REAGENT (ACS)

LOT#:

Test	PASS/FAIL	NUMERICAL RESULT
Assay (as HCl) 36.5-38.0%	FAIL	
Appearance - Pass test	FAIL	
Color (APHA) 10 max	FAIL	
Residue after ignition 0.0005%	FAIL	
Bromide 0.005%	FAIL	
Sulfate 0.0001%	FAIL	
Sulfite 0.0001%	FAIL	
Extractable organic substances - Pass test ~5 ppm	FAIL	
Free chlorine 0.0001%	FAIL	
Ammonium 0.0003%	FAIL	
Arsenic 0.000001%	FAIL	
Heavy Metals (Pb) 0.0001%	FAIL	
Iron 0.00002%	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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