GFS Chemicals, Inc. Columbus, Ohio 43223

LOT ANALYSIS

ITEM: 67 PERCHLORIC ACID, 70% REDISTILLED

LOT#:L028690

Test	PASS/FAIL	NUMERICAL RESULT		
Assay 69.0-72.0%	PASS	69.2%		
Residue after ignition 0.001%	PASS	< 0.001%		
Silicate and phosphate 0.0005%	PASS	< 0.0005%		
Chloride 0.001%	PASS	< 0.001%		
Nitrogen compounds 0.001%	PASS	< 0.001%		
Sulfate 0.001%	PASS	< 0.001%		
Heavy Metals 0.00001%	PASS	< 0.00001%		
Iron 0.000001%	PASS	< 0.000001%		
Color(APHA) 10 max.	PASS	< 10		

TRACEABLE TO N.I.S.T. (Y/N)? Y Comment: Reported by: Stephen Bailey Quality Assured to Retest Point: NOT REQUIRED C/A Print Date: 12/22/2015

QC Supervisor: Rachel Edelstein

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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)

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The following analysis is for informational purposes only. It represents a one-time analysis from a concentrated sample.

Al	800	Ag	< 100	As	< 100	Au	< 100	Ba	< 100
Be	< 100	Bi	< 100	Ca	11000	Cd	< 100	Co	< 100
Cr	< 100	Cu	500	Fe	450	Ga	< 100	Hg	< 100
Ir	< 100	K	2800	Li	10500	Mg	2000	Mn	< 100
Мо	< 100	Na	3300	Ni	< 100	Os	< 100	Pb	< 100
Pd	< 100	Pt	< 100	Sb	200	Se	< 500	Si	< 100
Sn	150	Sr	< 100	Ti	300	V	< 100	W	< 100
Zn	300	Zr	< 100						

Concentration in ng/g (ppb)

Comment: Reported by: Michael McBride C/A Print Date: 12/22/2015

QC Supervisor: Rachel Edelstein

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