GFS Chemicals, Inc. Columbus, Ohio 43223

LOT ANALYSIS

ITEM: 63 NITRIC ACID, REDISTILLED

LOT#:L027326

Test	PASS/FAIL	NUMERICAL RESULT		
Assay 68.0-70.0%	PASS	69.7%		
Chloride 0.00001%	PASS	<0.000 01%		
Sulfate 0.00001%	PASS	<0.000 01%		
Arsenic 0.0000001%	PASS	<0.000 000 1%		
Heavy Metals 0.000001%	PASS	<0.000 001%		
Iron 0.000001%	PASS	<0.000 001%		
Residue after ignition 0.0001%	PASS	<0.000 1%		

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

Comment:

Reported by: Roger Duff QC Supervisor: Alysa Panepinto

Quality Assured to Retest Point: NOT REQUIRED

C/A Print Date: 12/22/2015

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice (CGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html For resale by GFS authorized distributors only.

GFS Chemicals, Inc. Columbus, Ohio 43223

LOT ANALYSIS

ITEM: 63 NITRIC ACID, REDISTILLED

LOT#:L027326

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

Concentration in ng/g (ppb)

Al	4700	Ag	<1000	As	<1000	Au	<1000	Ba	<1000
Be	<1000	Bi	<1000	Ca	<20300	Cd	<1000	Ce	<1000
Co	<1000	Cr	<1000	Cu	<1000	Fe	<1000	Ga	<1000
Ge	<1000	Hf	<1000	Hg	<1000	In	<1000	Ir	<1000
K	2200	Li	<1000	Mg	4100	Mn	<1000	Mo	<1000
Na	6400	Ni	<1000	Os	<1000	Pb	<1000	Pd	<1000
Pt	<1000	Re	<1000	Rh	<1000	Ru	<1000	Sb	<1000
Se	<1000	Si	<1000	Sn	<1000	Sr	<1000	Ta	<1000
Te	<1000	Th	<1000	Ti	<1000	Tl	<1000	V	<1000
W	<1000	Zn	3800	Zr	<1000				
		_				_			

Comment:

Reported by: Roger Duff QC Supervisor: Alysa Panepinto

C/A Print Date: 12/22/2015

OUR PRODUCTS ARE SOLD WITHOUT WARRANTY, EXPRESS OR IMPLIED. OF MERCHANTABILITY OR OF FITNESS FOR ANY PARTICULAR PURPOSE.

Not for direct use in food, cosmetics, finished pharmaceuticals or drug products. Supplier is not responsible for compliance with FDA Current Good Manufacturing Practice (CGMP) requirements, including without limitation those for finished drug products in 21 C.F.R Parts 210 and 211. Consult warranty limitations at www.gfschemicals.com/statics/documents/aboutus/termsandconditions.html For resale by GFS authorized distributors only.

distributions only.