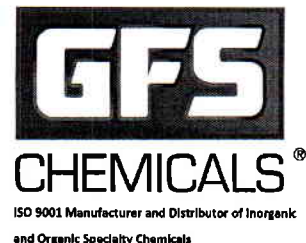


Certificate of Analysis

Product Name: NITRIC ACID, 69%, VERITAS
REDISTILLED

Item #: 63

Lot #: 21030191



Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Assay 68.0 % - Min	Pass	68.9
Chloride 0.00001 % Max	Pass	< 0.00001
Sulfate 0.00001 % Max	Pass	< 0.00001
Arsenic 0.0000001 % Max	Pass	< 0.0000001
Heavy Metals 0.000001 % Max	Pass	< 0.000001
Iron 0.000001 % Max	Pass	< 0.000001
Residue after ignition 0.0001 % Max	Pass	< 0.0001
Color (APHA) 10 Max	Pass	< 10
Al 5.00 ppb Max	Pass	0.69
Ag 1.00 ppb Max	Pass	< 0.01
Au 1.00 ppb Max	Pass	< 0.01
B 10.00 ppb Max	Pass	0.18
Ba 2.00 ppb Max	Pass	< 0.01
Be 1.00 ppb Max	Pass	< 0.01
Bi 1.00 ppb Max	Pass	< 0.01
Ca 10.00 ppb Max	Pass	0.93
Cd 1.00 ppb Max	Pass	< 0.01

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. P.O. Box 245 Powell, OH 43065 * Signed Orig. Doc. On File
1-800-858-9682 (U.S. and Canada) 1-740-881-5501 (International) 1-740-881-5989 (Fax)

Ce 1.00 ppb Max	Pass	< 0.01
Co 1.00 ppb Max	Pass	0.02
Cr 1.00 ppb Max	Pass	0.25
Cs 1.00 ppb Max	Pass	< 0.01
Cu 2.00 ppb Max	Pass	0.01
Dy 1.00 ppb Max	Pass	< 0.01
Er 1.00 ppb Max	Pass	< 0.01
Eu 1.00 ppb Max	Pass	< 0.01
Fe 5.00 ppb Max	Pass	0.53
Ga 1.00 ppb Max	Pass	< 0.01
Gd 1.00 ppb Max	Pass	< 0.01
Ge 1.00 ppb Max	Pass	< 0.01
Hg 2.00 ppb Max	Pass	< 0.01
Ho 1.00 ppb Max	Pass	< 0.01
In 1.00 ppb Max	Pass	< 0.01
Ir 1.00 ppb Max	Pass	< 0.01
K 2.00 ppb Max	Pass	0.41
La 1.00 ppb Max	Pass	< 0.01
Li 1.00 ppb Max	Pass	< 0.01
Lu 1.00 ppb Max	Pass	< 0.01
Mg 2.00 ppb Max	Pass	0.24
Mn 1.00 ppb Max	Pass	0.01
Mo 1.00 ppb Max	Pass	0.01

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Na 10.00 ppb Max	Pass	2.30
Nd 1.00 ppb Max	Pass	< 0.01
Ni 1.00 ppb Max	Pass	0.95
Os 1.00 ppb Max	Pass	< 0.01
Pb 1.00 ppb Max	Pass	< 0.01
Pd 1.00 ppb Max	Pass	< 0.01
Pr 1.00 ppb Max	Pass	< 0.01
Pt 1.00 ppb Max	Pass	< 0.01
Rb 1.00 ppb Max	Pass	< 0.01
Rh 1.00 ppb Max	Pass	< 0.01
Ru 1.00 ppb Max	Pass	< 0.01
Sb 1.00 ppb Max	Pass	< 0.01
Sc 1.00 ppb Max	Pass	< 0.01
Se 1.00 ppb Max	Pass	0.03
Sm 1.00 ppb Max	Pass	< 0.01
Sn 1.00 ppb Max	Pass	< 0.01
Sr 1.00 ppb Max	Pass	0.01
Tb 1.00 ppb Max	Pass	< 0.01
Te 1.00 ppb Max	Pass	< 0.01
Th 1.00 ppb Max	Pass	< 0.01
Ti 1.00 ppb Max	Pass	0.01
U 1.00 ppb Max	Pass	< 0.01
V 1.00 ppb Max	Pass	< 0.01

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W 1.00 ppb Max	Pass	< 0.01
Y 1.00 ppb Max	Pass	< 0.01
Yb 1.00 ppb Max	Pass	< 0.01
Zn 5.00 ppb Max	Pass	0.03
Zr 1.00 ppb Max	Pass	0.01

Comments

CoA #: COA-067746
Certificate Created By: Catherine Myron
CoA Creation Date: February 11, 2021
Best by: January 15, 2026
Print Date: March 8, 2021

Signature on File

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