



# Certificate of Analysis

851 McKinley Avenue  
Columbus, Ohio 43222  
[www.gfschemicals.com](http://www.gfschemicals.com)

Tel: 800.858.9682 · 740.881.5501  
Fax: 740.881.5989

**Product Name:** NITRIC ACID, 69%, VERITAS  
REDISTILLED  
**Item #:** 63  
**Lot #:** 21270035



## Certified Values:

Specifications	Status	Results
Assay 68.0 % - Min	Pass	69.0
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	0.85
Ag 1.00 ppb Max	Pass	< 0.01
Au 1.00 ppb Max	Pass	< 0.01
B 10.00 ppb Max	Pass	1.21
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	0.56
Cd 1.00 ppb Max	Pass	< 0.01
Ce 1.00 ppb Max	Pass	< 0.01
Co 1.00 ppb Max	Pass	0.02
Cr 1.00 ppb Max	Pass	0.01
Cs 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 Practices (cGMP), including without limitation for those finished drug products in 21 CFR Parts 210 and 211. Consult warranty limitations at [www.gfschemicals.com](http://www.gfschemicals.com)  
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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	0.71
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	0.47
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	0.12
Mn 1.00 ppb Max	Pass	0.01
Mo 1.00 ppb Max	Pass	0.01
Na 10.00 ppb Max	Pass	2.25
Nd 1.00 ppb Max	Pass	< 0.01
Ni 1.00 ppb Max	Pass	0.71
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

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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	< 0.02
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	< 0.02
U 1.00 ppb Max	Pass	< 0.01
V 1.00 ppb Max	Pass	< 0.01
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	0.14
Zr 1.00 ppb Max	Pass	< 0.03

## Comments

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<b>CoA #:</b>	COA-076354	<b>Best by:</b>	August 4, 2026
<b>Certificate Created By:</b>	Karen Hirsch	<b>Print Date:</b>	January 25, 2022
<b>CoA Creation Date:</b>	August 30, 2021		
<b>Certified by:</b>	Melissa Murphy - Corporate Quality Assurance and Regulatory Compliance Manager		
			

**Traceability:**

This material was processed under a quality management system that is registered to ISO 9001:2015. The equipment used in the testing of material is NIST traceable. In cases where NIST traceability is not possible, equipment manufacturer recommendations and/or industry best practices are followed

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