

# Certificate of Analysis

**Product Name:** NITRIC ACID, VERITAS PRIME  
**Item #:** 5790  
**Lot #:** 20080205



## Certified Values:

Specifications (Max Limits or as Specified)	Pass/Fail	Numerical Results
Assay 68.0 % - Min	Pass	69.9
Residue after ignition 0.00001 % Max	Pass	< 0.00001
Chloride 0.00001 % Max	Pass	< 0.00001
Sulfate 0.00001 % Max	Pass	< 0.00001
Ag (ppt)	Pass	<10
Al (ppt)	Pass	<10
Au (ppt)	Pass	<10
As (ppt)	Pass	<10
Ba (ppt)	Pass	<10
Be (ppt)	Pass	<10
Bi (ppt)	Pass	<10
B (ppt)	Pass	85
Ca (ppt)	Pass	62
Cd (ppt)	Pass	<10
Ce (ppt)	Pass	<10
Co (ppt)	Pass	<10
Cr (ppt)	Pass	<10

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](http://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)

Cs (ppt)	Pass	<10
Cu (ppt)	Pass	<10
Dy (ppt)	Pass	<10
Er (ppt)	Pass	<10
Eu (ppt)	Pass	<10
Fe (ppt)	Pass	180
Ga (ppt)	Pass	<10
Gd (ppt)	Pass	<10
Ge (ppt)	Pass	<10
Hf (ppt)	Pass	<10
Hg (ppt)	Pass	<10
Ho (ppt)	Pass	<10
In (ppt)	Pass	<10
Ir (ppt)	Pass	<10
K (ppt)	Pass	34
La (ppt)	Pass	<10
Li (ppt)	Pass	<10
Lu (ppt)	Pass	<10
Mg (ppt)	Pass	26
Mn (ppt)	Pass	26
Mo (ppt)	Pass	<10
Na (ppt)	Pass	240
Nd (ppt)	Pass	<10

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](http://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)

Ni (ppt)	Pass	<10
Os (ppt)	Pass	<10
Pb (ppt)	Pass	<10
Pd (ppt)	Pass	<10
Pr (ppt)	Pass	<10
Pt (ppt)	Pass	<10
Rb (ppt)	Pass	<10
Rh (ppt)	Pass	<10
Ru (ppt)	Pass	<10
Sb (ppt)	Pass	<10
Sc (ppt)	Pass	<10
Se (ppt)	Pass	<10
Si (ppt)	Pass	<500
Sm (ppt)	Pass	<10
Sn (ppt)	Pass	<10
Sr (ppt)	Pass	<10
Tb (ppt)	Pass	<10
Te (ppt)	Pass	12
Th (ppt)	Pass	<10
Ti (ppt)	Pass	<10
Tl (ppt)	Pass	<10
U (ppt)	Pass	<10
V (ppt)	Pass	<10

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](http://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)

W (ppt)	Pass	<10
Yb (ppt)	Pass	<10
Y (ppt)	Pass	<10
Zn (ppt)	Pass	<10
Zr (ppt)	Pass	<10

**Comments**

**CoA #:** COA-053841

**Certificate Create By:** Karen Hirsch

**Signature on File**

**CoA Creation Date:** March 10, 2020

**Best by:** February 27, 2022

**Print Date:** August 24, 2020

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](http://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)

**ISO 17025 Testing**

All ISO 17025 testing is performed at GFS Chemicals, Inc. 800 Kaderly Dr, Columbus, OH 43228 USA

UV/Vis Spectrophotometer testing is performed according to ASTM method E169-16.

Turbidity testing is performed according to ASTM methods D6855-17 and ASTM D7315-17.

Conductivity testing is performed according to ASTM method D1125-14.

pH testing is performed according to ASTM method D1293-18.

Karl Fischer titration testing is performed according to ASTM methods E203-16 and E1064-16.

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](http://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)