

Certificate of Analysis



Product Name: NITRIC ACID, VERITAS PRIME
Item #: 5790
Lot #: 21440072

Certified Values:

Specifications (Max Limits or as Specified)	Status	Results
Assay 68.0 % - Min	Fail	67.8
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	<1
Al (ppt)	Pass	<1
Au (ppt)	Pass	<20
As (ppt)	Pass	<0.7
Ba (ppt)	Pass	11
Be (ppt)	Pass	<1
Bi (ppt)	Pass	0.3
B (ppt)	Pass	<50
Ca (ppt)	Pass	<20
Cd (ppt)	Pass	0.5
Ce (ppt)	Pass	0.7
Co (ppt)	Pass	2.1
Cr (ppt)	Pass	67.4

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)

Cs (ppt)	Pass	<1
Cu (ppt)	Pass	28.2
Dy (ppt)	Pass	0.4
Er (ppt)	Pass	0.2
Eu (ppt)	Pass	0.4
Fe (ppt)	Pass	38.4
Ga (ppt)	Pass	<1
Gd (ppt)	Pass	<0.5
Ge (ppt)	Pass	<0.6
Hf (ppt)	Pass	<1
Hg (ppt)	Pass	<20
Ho (ppt)	Pass	<0.3
In (ppt)	Pass	<0.5
Ir (ppt)	Pass	<0.4
K (ppt)	Pass	<10
La (ppt)	Pass	<0.6
Li (ppt)	Pass	<10
Lu (ppt)	Pass	<0.1
Mg (ppt)	Pass	72.4
Mn (ppt)	Pass	13.9
Mo (ppt)	Pass	5.7
Na (ppt)	Pass	<10
Nd (ppt)	Pass	<0.5

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Ni (ppt)	Pass	72.5
Os (ppt)	Pass	<10
Pb (ppt)	Pass	1.1
Pd (ppt)	Pass	<1
Pr (ppt)	Pass	<0.4
Pt (ppt)	Pass	<200
Rb (ppt)	Pass	<10
Rh (ppt)	Pass	0.3
Ru (ppt)	Pass	<1
Sb (ppt)	Pass	1.1
Sc (ppt)	Pass	<0.3
Se (ppt)	Pass	<0.8
Si (ppt)	Pass	<3500
Sm (ppt)	Pass	0.5
Sn (ppt)	Pass	13.1
Sr (ppt)	Pass	<1
Tb (ppt)	Pass	<0.4
Te (ppt)	Pass	<1
Th (ppt)	Pass	<0.2
Ti (ppt)	Pass	7.9
Tl (ppt)	Pass	<1
Tm (ppt)	Pass	0.1
U (ppt)	Pass	<0.2

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V (ppt)	Pass	1.6
W (ppt)	Pass	3.0
Yb (ppt)	Pass	0.1
Y (ppt)	Pass	0.6
Zn (ppt)	Pass	96.7
Zr (ppt)	Pass	5.3

Comments Assay is acceptable by customer.

CoA #: COA-079094

Certificate Created By: Karen Hirsch

Signature on File

CoA Creation Date: November 10, 2021

Best by: October 30, 2023

Print Date: December 10, 2021

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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.

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