



**ChemPure* Brand
Chemicals**

Product Code: CP-M1778P
Lot #: 3708-2013080731

Certificate Of Analysis

Chemical Name: **Nitric Acid, 70%**
ACS/Trace Metal

Chemical Formula: HNO₃

...Pure Quality

F.W.: **63.0100**
CAS: **7697-37-2**
Density: **1.4200 kg/L**

Analytical Results		
Item	Specifications	Analysis
Chloride (Cl)	0.05 ppm max.	<0.05 ppm
Chromium (Cr)	10 ppb max.	0.005 ppm
Color (APHA)	10 max.	3
Copper (Cu)	1 ppb max.	0.00058 ppm
Gold (Au)	4 ppb max.	<0.00005 ppm
Heavy Metals (as Pb)	100 ppb max.	<0.002 ppm
Aluminum (Al)	30 ppb max.	0.027 ppm
Iron (Fe)	20 ppb max.	0.020 ppm
Lead (Pb)	0.5 ppb max.	0.00005 ppm
Magnesium (Mg)	7 ppb max.	0.0015 ppm
Manganese (Mn)	1 ppb max.	0.001 ppm
Appearance	Clear, colorless liquid	Passes Test
Nickel (Ni)	2 ppb max.	0.002 ppm
Arsenic (As)	5 ppb max.	<0.0001 ppm
Phosphate (PO ₄)	0.1 ppm max.	<0.025 ppm
Potassium (K)	5 ppb max.	0.001 ppm
Residue After Ignition	5 ppm max.	0.4 ppm
Sodium (Na)	200 ppb max.	0.0086 ppm
Sulfate (SO ₄)	0.4 ppm max.	<0.025 ppm
Tin (Sn)	5 ppb max.	0.00014 ppm
Titanium (Ti)	300 ppb max.	0.00022 ppm
Zinc (Zn)	5 ppb max.	0.0017 ppm
Assay (HNO ₃)	69.0 - 70.0%	69.4%
Boron (B)	4 ppb max.	0.00018 ppm
Calcium (Ca)	100 ppb max.	0.004 ppm

Remarks:

This product meets the specifications of the American Chemical Society (ACS)

It is certified that the above copy is a true copy of the actual lot analysis.


Matthew Taylor
Laboratory Manager

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