



We have the solutions!



Pico-Pure Plus ICP/MS Acids

PPT level Acids - FEP Bottles

Product Code	Chem-Lab	Product Name	Volume
CL00.2753		Acetic acid Pico-Pure Plus	
CL00.2753.0250		Acetic acid ≥99% (Pico-Pure Plus)	250 ml
CL00.2754		Ammonia Pico-Pure Plus	
CL00.2754.0250		Ammonia 20-22% solution (Pico-Pure Plus)	250 ml
CL00.0273		Hydrobromic acid Pico-Pure Plus	
CL00.0273.0250		Hydrobromic acid 44-49% (Pico-Pure Plus)	250 ml
CL00.2950		Hydrochloric acid Pico-Pure Plus	
CL00.2950.0250		Hydrochloric acid 32-35% (Pico-Pure Plus)	250 ml
CL00.2950.0500		Hydrochloric acid 32-35% (Pico-Pure Plus)	500 ml
CL00.0643		Hydrofluoric acid Pico-Pure Plus	
CL00.0643.0250		Hydrofluoric acid 47-51% (Pico-Pure Plus)	250 ml
CL00.2315		Hydrogen peroxide Pico-Pure Plus	
CL00.2315.0500		Hydrogen peroxide 30-32 % solution (Pico-Pure Plus)	500 ml
CL00.1964		Nitric acid Pico-Pure Plus	
CL00.1964.0250		Nitric acid 67-69% (Pico-Pure Plus)	250 ml
CL00.1964.0500		Nitric acid 67-69% (Pico-Pure Plus)	500 ml
CL00.1964.1000		Nitric acid 67-69% (Pico-Pure Plus)	1 l
CL00.2649		Sulfuric acid Pico-Pure Plus	
CL00.2649.0250		Sulfuric acid 93-98% (Pico-Pure Plus)	250 ml
CL00.2649.0500		Sulfuric acid 93-98% (Pico-Pure Plus)	500 ml
CL02.2107		Water Pico-Pure Plus	
CL02.2107.1000		Water (Pico-Pure Plus)	1 l

Certificate

Product Analysis Certificate

Art. No.: CL00.1964.0500 Lot No.: 24.5112411

Nitric acid 67-69% (Pico-Pure Plus)
67-69% HNO₃

Use: For laboratory use, ICP-MS trace analysis
Traceability: Reference standards

Specifications

Element	Unit	Specification	Result
As	µg/l	≤ 0.1	0.05
Cd	µg/l	≤ 0.1	0.02
Co	µg/l	≤ 0.1	0.01
Cu	µg/l	≤ 0.1	0.01
Fe	µg/l	≤ 0.1	0.01
Hg	µg/l	≤ 0.1	0.01
Mn	µg/l	≤ 0.1	0.01
Ni	µg/l	≤ 0.1	0.01
Pb	µg/l	≤ 0.1	0.01
Se	µg/l	≤ 0.1	0.01
Sn	µg/l	≤ 0.1	0.01
Sr	µg/l	≤ 0.1	0.01
V	µg/l	≤ 0.1	0.01
Zn	µg/l	≤ 0.1	0.01
Ag	µg/l	≤ 0.1	0.01
Al	µg/l	≤ 0.1	0.01
Be	µg/l	≤ 0.1	0.01
B	µg/l	≤ 0.1	0.01
Br	µg/l	≤ 0.1	0.01
C	µg/l	≤ 0.1	0.01
Ca	µg/l	≤ 0.1	0.01
Cl	µg/l	≤ 0.1	0.01
F	µg/l	≤ 0.1	0.01
I	µg/l	≤ 0.1	0.01
K	µg/l	≤ 0.1	0.01
Li	µg/l	≤ 0.1	0.01
Mg	µg/l	≤ 0.1	0.01
Na	µg/l	≤ 0.1	0.01
O	µg/l	≤ 0.1	0.01
P	µg/l	≤ 0.1	0.01
S	µg/l	≤ 0.1	0.01
Ti	µg/l	≤ 0.1	0.01
U	µg/l	≤ 0.1	0.01
W	µg/l	≤ 0.1	0.01
Xe	µg/l	≤ 0.1	0.01
Y	µg/l	≤ 0.1	0.01
Zr	µg/l	≤ 0.1	0.01

Client: Lab-Bench Date of analysis: 08-11-2018
Signature: [Signature]

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Product Analysis Certificate

Art. No.: CL00.1964.0250 Lot No.: 24.5112411

Nitric acid 67-69% (Pico-Pure Plus)
67-69% HNO₃

Use: For laboratory use, ICP-MS trace analysis
Traceability: Reference standards

Specifications

Element	Unit	Specification	Result
As	µg/l	≤ 0.1	0.05
Cd	µg/l	≤ 0.1	0.02
Co	µg/l	≤ 0.1	0.01
Cu	µg/l	≤ 0.1	0.01
Fe	µg/l	≤ 0.1	0.01
Hg	µg/l	≤ 0.1	0.01
Mn	µg/l	≤ 0.1	0.01
Ni	µg/l	≤ 0.1	0.01
Pb	µg/l	≤ 0.1	0.01
Se	µg/l	≤ 0.1	0.01
Sn	µg/l	≤ 0.1	0.01
Sr	µg/l	≤ 0.1	0.01
V	µg/l	≤ 0.1	0.01
Zn	µg/l	≤ 0.1	0.01
Ag	µg/l	≤ 0.1	0.01
Al	µg/l	≤ 0.1	0.01
Be	µg/l	≤ 0.1	0.01
B	µg/l	≤ 0.1	0.01
Br	µg/l	≤ 0.1	0.01
C	µg/l	≤ 0.1	0.01
Ca	µg/l	≤ 0.1	0.01
Cl	µg/l	≤ 0.1	0.01
F	µg/l	≤ 0.1	0.01
I	µg/l	≤ 0.1	0.01
K	µg/l	≤ 0.1	0.01
Li	µg/l	≤ 0.1	0.01
Mg	µg/l	≤ 0.1	0.01
Na	µg/l	≤ 0.1	0.01
O	µg/l	≤ 0.1	0.01
P	µg/l	≤ 0.1	0.01
S	µg/l	≤ 0.1	0.01
Ti	µg/l	≤ 0.1	0.01
U	µg/l	≤ 0.1	0.01
W	µg/l	≤ 0.1	0.01
Xe	µg/l	≤ 0.1	0.01
Y	µg/l	≤ 0.1	0.01
Zr	µg/l	≤ 0.1	0.01

Client: Lab-Bench Date of analysis: 08-11-2018
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We have the solutions!



Pico-Pure ICP/MS Acids

Low PPB level Acids - HDPE Bottles

Product Code	Chem-Lab	Product Name	Volume
CL00.2755		Acetic acid Pico-Pure	
CL00.2755.0500		Acetic acid ≥99% (Pico-Pure)	500 ml
CL00.2756		Ammonia Pico-Pure	
CL00.2756.0500		Ammonia 20-22% solution (Pico-Pure)	500 ml
CL00.2951		Hydrochloric acid Pico-Pure	
CL00.2951.0500		Hydrochloric acid 34-37% (Pico-Pure)	500 ml
CL00.2951.1000		Hydrochloric acid 34-37% (Pico-Pure)	1 l
CL00.2951.2500		Hydrochloric acid 34-37% (Pico-Pure)	2,5 l
CL00.0644		Hydrofluoric acid Pico-Pure	
CL00.0644.0500		Hydrofluoric acid 47-51% (Pico-Pure)	500 ml
CL00.1965		Nitric acid Pico-Pure	
CL00.1965.0500		Nitric acid 67-69% (Pico-Pure)	500 ml
CL00.1965.1000		Nitric acid 67-69% (Pico-Pure)	1 l
CL00.1965.2500		Nitric acid 67-69% (Pico-Pure)	2,5 l
CL00.2650		Sulfuric acid Pico-Pure	
CL00.2650.0500		Sulfuric acid 93-98% (Pico-Pure)	500 ml
CL00.2650.1000		Sulfuric acid 93-98% (Pico-Pure)	1 l

Certificate

Product Analysis Certificate

Art. No.: CL00.2651.1000 Lot No.: 24.2481510

Hydrochloric acid 34-37% (Pico-Pure)
34-37% HCl

Use: For laboratory use, ICP-MS trace analysis
Transparency: Reference standards

Specifications

Parameter	Unit	Value
Acidity	g/l	120
Chloride	g/l	120
Mercury	µg/l	0.01
Lead	µg/l	0.01
Cadmium	µg/l	0.01
Copper	µg/l	0.01
Iron	µg/l	0.01
Nickel	µg/l	0.01
Silver	µg/l	0.01
Zinc	µg/l	0.01
Aluminum	µg/l	0.01
Barium	µg/l	0.01
Boron	µg/l	0.01
Bromine	µg/l	0.01
Calcium	µg/l	0.01
Chromium	µg/l	0.01
Cobalt	µg/l	0.01
Fluorine	µg/l	0.01
Gallium	µg/l	0.01
Germanium	µg/l	0.01
Indium	µg/l	0.01
Iodine	µg/l	0.01
Krypton	µg/l	0.01
Lithium	µg/l	0.01
Magnesium	µg/l	0.01
Manganese	µg/l	0.01
Molybdenum	µg/l	0.01
Neon	µg/l	0.01
Niobium	µg/l	0.01
Oxygen	µg/l	0.01
Phosphorus	µg/l	0.01
Platinum	µg/l	0.01
Protactinium	µg/l	0.01
Rubidium	µg/l	0.01
Selenium	µg/l	0.01
Silicon	µg/l	0.01
Sodium	µg/l	0.01
Sr	µg/l	0.01
Tantalum	µg/l	0.01
Tellurium	µg/l	0.01
Thallium	µg/l	0.01
Thorium	µg/l	0.01
Tin	µg/l	0.01
Titanium	µg/l	0.01
Vanadium	µg/l	0.01
Vanadium	µg/l	0.01
Zirconium	µg/l	0.01

Client: Lab-Bench Date of issue: 03-10-2019
Register: 0012051

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Product Analysis Certificate

Art. No.: CL00.2651.1000 Lot No.: 24.2481510

Hydrochloric acid 34.37% (Pico-Pure)
34.37% HCl

Use: For laboratory use, ICP-MS trace analysis
Transparency: Reference standards

Specifications

Parameter	Unit	Value
Acidity	g/l	120
Chloride	g/l	120
Mercury	µg/l	0.01
Lead	µg/l	0.01
Cadmium	µg/l	0.01
Copper	µg/l	0.01
Iron	µg/l	0.01
Nickel	µg/l	0.01
Silver	µg/l	0.01
Zinc	µg/l	0.01
Aluminum	µg/l	0.01
Barium	µg/l	0.01
Boron	µg/l	0.01
Bromine	µg/l	0.01
Calcium	µg/l	0.01
Chromium	µg/l	0.01
Cobalt	µg/l	0.01
Fluorine	µg/l	0.01
Gallium	µg/l	0.01
Germanium	µg/l	0.01
Indium	µg/l	0.01
Iodine	µg/l	0.01
Krypton	µg/l	0.01
Lithium	µg/l	0.01
Magnesium	µg/l	0.01
Manganese	µg/l	0.01
Molybdenum	µg/l	0.01
Neon	µg/l	0.01
Niobium	µg/l	0.01
Oxygen	µg/l	0.01
Phosphorus	µg/l	0.01
Platinum	µg/l	0.01
Protactinium	µg/l	0.01
Rubidium	µg/l	0.01
Selenium	µg/l	0.01
Silicon	µg/l	0.01
Sodium	µg/l	0.01
Sr	µg/l	0.01
Tantalum	µg/l	0.01
Tellurium	µg/l	0.01
Thallium	µg/l	0.01
Thorium	µg/l	0.01
Tin	µg/l	0.01
Titanium	µg/l	0.01
Vanadium	µg/l	0.01
Vanadium	µg/l	0.01
Zirconium	µg/l	0.01

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