

FISHER CHEMICAL HIGH-PURITY ACIDS

Why compromise your results? Choose Fisher Chemical High-Purity Acids for your most demanding applications. Specify Optima™ Acids for your highest-purity applications and TraceMetal Acids for outstanding quality and value. For more information about high-purity acids—and all the other grades of Fisher Chemical acids—contact your Fisher Scientific Sales Representative.

Trace Metal Analysis

Two popular instrumental methods for trace metal analysis are atomic absorption spectroscopy (AA) and inductively coupled plasma spectroscopy (ICP). Both of these techniques are used extensively in environmental analysis.

Fisher Scientific has all of the essentials for AA and ICP, including extremely high-purity acids and plasma grade water.

Optima Acids: Lowest Metal Content, Highest Purity

- Perfect choice for environmental testing, plasma analysis, electronic research, and other exacting procedures requiring the utmost purity, precision, and accuracy
- Lowest metal content of any commercially available acid
- Analyzed for up to 65 metals to ppt level by ICP-MS to provide unequalled purity (Certificate of Analysis supplied with each bottle)
- Packaged in specially manufactured and cleaned PFA and FEP fluoropolymer bottles (Optima Ammonium Hydroxide is packaged in specially leached HDPE bottles)
- Produced and packaged in Class 100 cleanroom environment to ensure maximum purity
- Established product lines provide excellent lot-to-lot consistency for reproducible results

TraceMetal Grade Acids: Superior Purity, Exceptional Value

- Exceedingly low metal content for less than you would pay for our competitors' premium grades. Proprietary distillation achieves metal concentrations in the sub-ppb range
- Each lot analyzed for more than 55 metals by ICP-MS
- Specially treated bottle minimizes metal leaching from glass to ensure high quality

High-Purity Water

- Plasma Grade Water meets trace metal requirements with impurity levels in the low ppt range
- Environmental Grade Water meets trace organic needs with maximum TOC impurity levels of 20ppb. Ideal for HPLC and environmental trace organic testing applications

Ordering Information

Description	Size	Packaging	Cat. No.
OPTIMA ACIDS			
Acetic Acid, Glacial	250mL	FEP Bottle	A465-250
	500mL	FEP Bottle	A465-500
	1L	FEP Bottle	A465-1
Ammonium Hydroxide	250mL	HDPE Bottle	A470-250
	500mL	HDPE Bottle	A470-500
	1L	HDPE Bottle	A470-1
Hydrobromic Acid	250mL	FEP Bottle	A471-250
	500mL	FEP Bottle	A471-500
	1L	FEP Bottle	A471-1
	2L	FEP Bottle	A471-2
Hydrochloric Acid	250mL	PFA Bottle	A466-250
	500mL	PFA Bottle	A466-500
	1L	PFA Bottle	A466-1
	2L	FEP Bottle	A466-2
Hydrofluoric Acid	250mL	PFA Bottle	A463-250
	500mL	PFA Bottle	A463-500
	1L	PFA Bottle	A463-1
	2L	FEP Bottle	A463-2
Hydrogen Peroxide	500mL	FEP Bottle	P170-500
Nitric Acid	250mL	FEP Bottle	A467-250
	500mL	FEP Bottle	A467-500
	1L	FEP Bottle	A467-1
	2L	FEP Bottle	A467-2
Perchloric Acid	250mL	FEP Bottle	A469-250
	500mL	FEP Bottle	A469-500
	1L	FEP Bottle	A469-1
Sulfuric Acid	250mL	FEP Bottle	A468-250
	500mL	FEP Bottle	A468-500
	1L	FEP Bottle	A468-1
	2L	FEP Bottle	A468-2

Description	Size	Packaging	Cat. No.
TRACEMETAL GRADE ACIDS			
Acetic Acid, Glacial	500mL	Glass Bottle	A507-500
	2.5L	Glass Bottle	A507-212
	2.5L	Glass/Safe-Cote™	A507SK-212
	4L	HDPE Bottle	A507-4
Ammonium Hydroxide	500mL	HDPE Bottle	A512-500
	4L	HDPE Bottle	A512-4
Hydrochloric Acid	500mL	Glass Bottle	A508-500
	2.5L	Glass Bottle	A508-212
	2.5L	Glass/Safe-Cote	A508SK-212
	4L	HDPE Bottle	A508-4
Hydrofluoric Acid	500mL	LDPE Bottle	A513-500
	4L	HDPE Bottle	A513-4
Nitric Acid	500mL	Glass Bottle	A509-500
	2.5L	Glass Bottle	A509-212
	2.5L	Glass/Safe-Cote	A509SK-212
Perchloric Acid	500mL	Glass Bottle	A511-500
	2.5L	Glass Bottle	A511-212
	2.5L	Glass/Safe-Cote	A511SK-212
Sulfuric Acid	500mL	Glass Bottle	A510-500
	2.5L	Glass Bottle	A510-212
	2.5L	Glass/Safe-Cote	A510SK-212

HIGH-PURITY WATER

Environmental Grade	1L	Amber Glass	W11-1
	4L	Amber Glass	W11-4
Plasma Grade	500mL	LDPE Bottle	W9-500
	1L	LDPE Bottle	W9-1
	2L	LDPE Bottle	W9-2

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