## PlasmaPURE High Purity Acids

Pure Acids for Perfect Results

PlasmaPURE acids are manufactured with trace metals equal to or less than 1 ppb. Used for environmental and industrial applications in ICP-AES and flame atomic absorption spectroscopy.

\*\*Certificate of Analysis\*\*

\*\*PlasmaPURE HYDROCHLORIC ACID (04-37% HCI)

\*\*Classing PURE HYDROCHLORIC ACID (04-37% HCI)

\*\*Classing



- Complete with a Certificate of Analysis with lot number, expiry date, and maximum specification for over 60 analytes
  - Complete documentation for audit purposes
- Refined for low level trace metals analysis
- 2 expiry dates (up to 3 years unopened & 15 months opened)
  - Long shelf life for unopened bottles

### **Ordering Information**

			Always in Stock		
ELEMENT	ASSAY	500 ml cs/6	CATALOG 2.5 L cs/6	NUMBER 2.5 L SC* cs/6	4 L cs/4
Hydrochloric Acid	33-36% HCI	250-037-113	250-037-115	250-037-117	250-037-119
Hydrofluroric Acid**	47-51% HF	250-037-121			250-037-123
Nitric Acid	67-70 HNO <sub>3</sub>	250-037-129	250-037-131	250-037-133	
Sulphuric Acid	93-98% H <sub>2</sub> SO <sub>4</sub>	250-037-137	250-037-139	250-037-141	

- \* Coated Glass Bottle
- \*\* Packaged in LDPE Bottle

PlasmaPURE acids & reagents are used in many industries and applications such as:

INDUSTRY	APPLICATION	METHOD	
Geology & Geoscience	Soil, rock, mineral analysis	Digestions of rock	
		Dating by isotope ratio	
Clinical	Tissue & blood	US Center for Disease Control	
Aerospace	Alloys, steel, metal, powders & ceramics	Acid digestion	



SCP SCIENCE

XRF Sample Prep

WWW.scpscience.com

Sample Prep

**ICP-AES & MS** 

AA

**XRF** 

**Calibration Standards** 

Certified Reference Materials

DigiPREP MS
Graphite Block
Digestion System



- Ideal for most acid digestion
- Provides uniform temp. across the block
- Teflon<sup>©</sup> Coated Graphite block
- High quality parts for peak performance



Call for more information or to request a quotation!

MK-MKG003-HPPA-1.0-E

**USA**Tel.: (800) 361-6820
Fax: (800) 253-5549

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Canada / International

Europe

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# PlasmaPURE Plus High Purity Acids & Reagents Pure Acids for Perfect Results

PlasmaPURE Plus acids are manufactured with trace metals levels less than 10 ppt (0.01 ppb). Commonly used in semiconductor, nuclear, clinical, pharmaceutical, and geochemical analysis. Used for sample and standards preparation for ICP-AES, ICP-MS, Flame AA and Graphite Furrnace AA spectroscopy.

- Complete with a Certificate of Analysis with lot number, expiry date, and maximum concentration specification for over 60 elements
  - Complete documentation for audit purposes
- Packaged in Class 10 cleanroom conditions
  - Supplied in preleached Teflon bottles for optimum quality
- Available in sizes from 250 ml to 2 liters
  - Flexibility Buy only what is required. Save money with large volumes



### **Ordering Information**

Always in Stock

			CATALOG	NUMBER	
ELEMENT	ASSAY	250 ml	500 ml	1 L	2 L
Acetic Acid	>99% CH <sub>3</sub> COOH	250-036-101	250-036-103	250-036-105	
Ammonia Solution	20-22% NH <sub>3</sub>	250-036-107	250-036-109	250-036-111	
Hydrochloric Acid	33-36% HCI	250-036-113	250-036-115	250-036-117	250-036-119
Hydrofluoric Acid	47-51% HF	250-036-121	250-036-123	250-036-125	250-036-127
Hydrogen Peroxide	30% H <sub>2</sub> O <sub>2</sub>		250-036-145		
Nitric Acid	67-70 HNO <sub>3</sub>	250-036-129	250-036-131	250-036-133	250-036-135
Sulphuric Acid	93-98% H <sub>2</sub> SO <sub>4</sub>	250-036-137	250-036-139	250-036-141	250-036-143

#### PlasmaPURE Plus Accessories

Description	Catalog Number
Base Only for PlasmaPURE Plue Top Dispenser	250-036-500
PlasmaPURE Plus Bottle Top Dispenser	250-036-501



PlasmaPURE Plus acids & reagents are used in many industries and applications such as:

INDUSTRY	APPLICATION	METHOD
Environmental	Water & Waste Water Analysis	Method 200.8 (Drinking Water)
		EPA Method 6010 (Total Metals in Waste Water SW-846)
Agricultural	Soil & Plant Tissue	Method 3050B (Total Metals in Soil by ICP-MS)
Semiconductor & Intergrated Circuits	Quality Control Analysis	Aicd Digestion