

PlasmaPURE

Trace Metal Grade Acids

PlasmaPURE acids are manufactured with trace metal impurities less than 1 ppb.

- Intended for analysis above 1ppb using ICP, ICPMS, flame AA or graphite furnace AA.
- Sold in individual bottles with volume discounts for larger orders.
- Complete with a Certificate of Analysis with lot number, expiry date, and actual concentration of over 60 analytes
 - o Complete documentation for audit purposes
- 2 expiry dates (up to 3 years unopened & 15 months opened)
 - o Long shelf life for unopened bottles

Certificate of Analysis
PlasmaPURE Hydrochloric Acid (34 - 37% HCl)

350-037-115/250-037-151/250-037-175/250-037-181/250-037-191
 SCA 1723003
 35%
 +10 (Specification: Max + 10)
 March 2010

Opened Bottle Expiry Information
 15 months after opening, up to 3 years unopened
 Date bottle opened

Maximum Specification	Actual Value (in ppb)	Analyte	Maximum Specification	Actual Value (in ppb)
1 ppb	<0.8	Neodymium (Nd)	0.5 ppb	<0.1
1 ppb	<0.1	Nickel (Ni)	1 ppb	<0.1
1 ppb	<0.1	Niobium (Nb)	0.5 ppb	<0.1
1 ppb	<0.1	Palladium (Pd)	Information Only	<0.5
1 ppb	<0.1	Platinum (Pt)	Information Only	<0.5
1 ppb	<0.1	Potassium (K)	1 ppb	<0.1
1 ppb	<0.1	Phosphorus (P)	0.5 ppb	<0.1
1 ppb	<0.1	Rhenium (Re)	0.5 ppb	<0.1
1 ppb	<0.1	Rodium (Rb)	0.5 ppb	<0.1
0.5 ppb	<0.1	Rubidium (Rb)	0.5 ppb	<0.1
1 ppb	<0.1	Ruthenium (Ru)	0.5 ppb	<0.1
1 ppb	<0.1	Samarium (Sm)	0.5 ppb	<0.1
1 ppb	<0.1	Selenium (Se)	0.5 ppb	<0.1
1 ppb	<0.1	Silver (Ag)	1 ppb	<0.1
1 ppb	<0.1	Sodium (Na)	1 ppb	<0.5
1 ppb	<0.1	Strontium (Sr)	1 ppb	<0.1
1 ppb	<0.1	Tantalum (Ta)	Information Only	<1
1 ppb	<0.1	Tellurium (Te)	0.5 ppb	<0.1
1 ppb	<0.1	Terbium (Tb)	0.5 ppb	<0.1
1 ppb	<0.1	Thallium (Tl)	0.5 ppb	<0.1
1 ppb	<0.1	Thorium (Th)	1 ppb	<0.1
1 ppb	<0.1	Tin (Sn)	0.5 ppb	<0.1
1 ppb	<0.1	Titanium (Ti)	1 ppb	<0.1
1 ppb	<0.1	Tungsten (W)	0.5 ppb	<0.1
1 ppb	<0.1	Vanadium (V)	1 ppb	<0.1
1 ppb	<0.1	Vanadium (V)	1 ppb	<0.1
1 ppb	<0.1	Yttrium (Y)	0.5 ppb	<0.1
1 ppb	<0.1	Zinc (Zn)	1 ppb	<0.5
1 ppb	<0.1	Zirconium (Zr)	1 ppb	<0.1

Actual (in ppm) Analyte Maximum Specification Actual Value (in ppm)
 +10 Total Solvent (S) 0.5 ppm <0.2
 +0.1 Free Chlorine (Cl2) 0.5 ppm <0.5

Certification Date: **March 8, 2007**

Warning: Remove pack of plastic bags and bottles should be opened under fume hood. This operation should be performed in well-ventilated area. Safety glasses, hand and face protection should be used. This Certificate of Analysis is available on our website. (E-Government)

ISO 9001:2000 Quality System and ISO 17025 (in process)
 SCP SCIENCE
 10000 Route 108, G.C. Canada H9K 4R6
 1-877-373-1111 Fax: (514) 457-4499
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Ordering Information

DESCRIPTION	ASSAY	500 ml *	2.5 L *	2.5 L SC ***	4 L
Hydrochloric Acid	34 - 37% HCl	250-037-151	250-037-155	250-037-157	250-037-159
Hydrofluoric Acid**	47 - 51% HF	250-037-161**	---	---	250-037-169
Nitric Acid	67 - 70% HNO ₃	250-037-171	250-037-175	250-037-177	---
Sulphuric Acid	93 - 96% H ₂ SO ₄	250-037-181	250-037-185	250-037-187	----
Ammonia Solution	20 - 22% NH ₃	250-037-191	---	---	250-037-199

* Always in stock

** Packaged in LDPE Bottle

*** Coated Glass Bottle

U.S.A.
 Tel.: (800) 361-6820
 Fax: (800) 253-5549

Canada • International
 Tel.: (800) 361-6820 • +1 (514) 457-0701
 Fax: (800) 253-5549 • +1 (514) 457-4499

Europe
 Tel.: +33 (0) 1 69 18 71 17
 Fax: +33 (0) 1 60 92 05 67

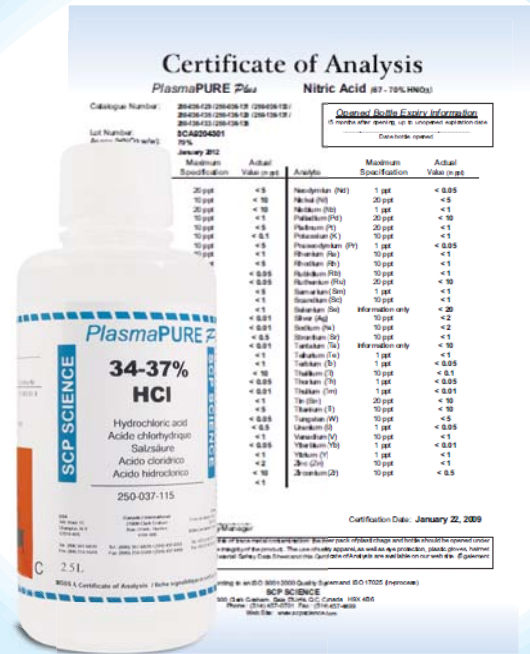
China
 Tel.: +86 (10) 58032301
 Fax: +86 (10) 58032302

PlasmaPURE Plus Optima Grade Acids & Reagents

Pure Acids for Perfect Results

PlasmaPURE Plus acids are manufactured with trace metal impurities less than 10ppt (0.01 ppb).

- Intended for analysis below 1ppb by ICP, ICPMS, or graphite furnace AA.
- Complete with a Certificate of Analysis with lot number, expiry date, and actual concentration or over 60 elements
 - Complete documentation for audit purposes
- Packaged in Class 10 cleanroom conditions
 - Supplied in preleached Teflon bottles for optimum purity
- Available in sizes from 250 ml to 2 liters
 - Flexibility - Buy only what is required
 - Volume discounts available



Ordering Information

DESCRIPTION	ASSAY	250 ml	500 ml*	1 L	2 L
Acetic Acid	>99% CH ₃ COOH	250-036-101	250-036-103	250-036-105	---
Ammonia Solution	20 - 22% NH ₃	250-036-107	250-036-109	250-036-111	---
Hydrochloric Acid	33 - 36% HCl	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 ₂ O ₂	---	250-036-145	---	---
Nitric Acid	67 - 70% HNO ₃	250-036-129	250-036-131	250-036-125	250-036-127
Sulphuric Acid	93 - 98% H ₂ SO ₄	250-036-137	250-036-139	---	---

* Always in stock

PlasmaPURE Plus Accessories

DESCRIPTION	CATALOG NUMBER
Base only for PlasmaPURE Plus Top Dispenser	250-036-500
PlasmaPURE Plus Bottle Top Dispenser	250-036-501

