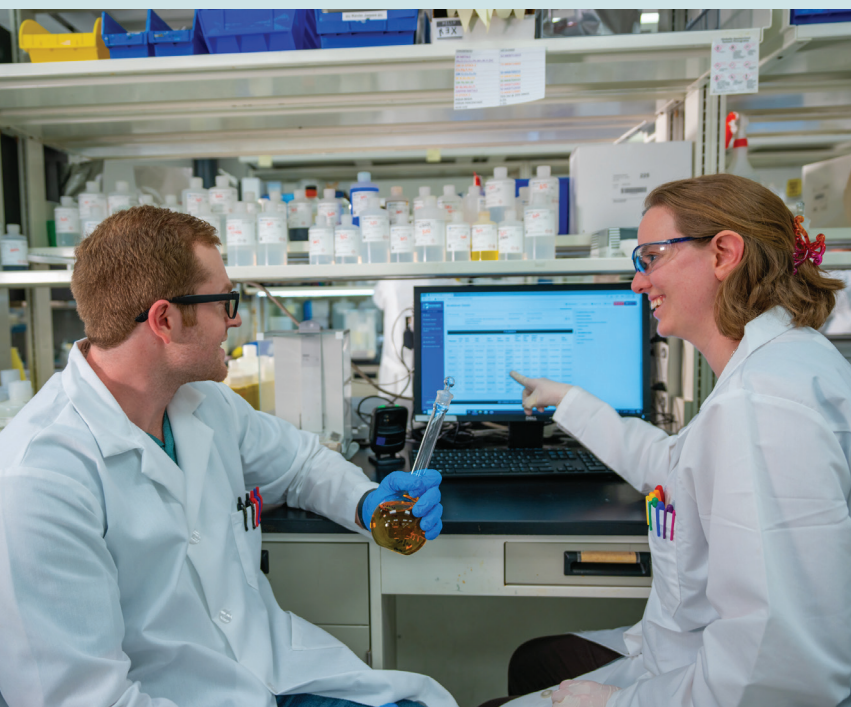


Each pH standard is compatible with your instrumentation and meets all requirements for calibration by a true Certified Reference Material. Each standard is traceable to a NIST SRM and is engineered for long-term stability. Manufactured under our ISO 17034 accreditation, each pH standard comes with a CoA and a temperature chart for your convenience. Each product is packaged in our TCT technology with a multi-year shelf life and a one-year* expiration date from opening. All product labels and SDS are GHS-compliant.



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At times, Wet Chemistry involves some difficult and unusual techniques. If you find yourself in a bind, give us a call. One of our experts will be happy to assist you. Plus, we offer analytical advice and in-depth technical guides on our website, inorganicventures.com.

- ✓ **Five-year shelf life**
- ✓ **Traceable to NIST SRMs**
- ✓ **Produced under ISO 9001**
- ✓ **Produced under ISO 17025**
- ✓ **Produced under ISO 17034**
- ✓ **Assayed by optimal validated procedures**

** For most products.*

For the calibration of analytical instruments and validation of analytical methods as appropriate. Preserved with antimicrobial agent. Custom conductivity standards are available upon request.

2 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON2-25-125ML	Volume: 125 mL
CON2-25-500ML	Volume: 500 mL

5 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON5-25-125ML	Volume: 125 mL
CON5-25-500ML	Volume: 500 mL

10 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON10-25-125ML	Volume: 125 mL
CON10-25-500ML	Volume: 500 mL

84 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON84-25-125ML	Volume: 125 mL
CON84-25-500ML	Volume: 500 mL
CON84-25-1L	Volume: 1 L

100 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON100-25-125ML	Volume: 125 mL
CON100-25-500ML	Volume: 500 mL
CON100-25-1L	Volume: 1 L

147 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON147-25-125ML	Volume: 125 mL
CON147-25-500ML	Volume: 500 mL
CON147-25-1L	Volume: 1 L

500 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON500-25-125ML	Volume: 125 mL
CON500-25-500ML	Volume: 500 mL
CON500-25-1L	Volume: 1 L

1,000 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON1000-25-125ML	Volume: 125 mL
CON1000-25-500ML	Volume: 500 mL
CON1000-25-1L	Volume: 1 L

1,200 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON1200-25-125ML	Volume: 125 mL
CON1200-25-500ML	Volume: 500 mL
CON1200-25-1L	Volume: 1 L

1,400 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON1400-25-125ML	Volume: 125 mL
CON1400-25-500ML	Volume: 500 mL
CON1400-25-1L	Volume: 1 L

1,413 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON1413-25-125ML	Volume: 125 mL
CON1413-25-500ML	Volume: 500 mL
CON1413-25-1L	Volume: 1 L

1,430 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON1430-25-125ML	Volume: 125 mL
CON1430-25-500ML	Volume: 500 mL
CON1430-25-1L	Volume: 1 L

10,000 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON10000-25-125ML	Volume: 125 mL
CON10000-25-500ML	Volume: 500 mL
CON10000-25-1L	Volume: 1 L

100,000 µmhos/cm Conductivity at 25°C	
Matrix: H ₂ O	
CON100000-25-125ML	Volume: 125 mL
CON100000-25-500ML	Volume: 500 mL
CON100000-25-1L	Volume: 1 L

For the calibration of analytical instruments and validation of analytical methods as appropriate. Preserved with antimicrobial agent. Custom pH standards are available upon request.

pH 1.68	
Potassium tetroxalate	
PH-1.68-250ML	Volume: 250 mL
PH-1.68-500ML	Volume: 500 mL
PH-1.68-1L	Volume: 1 L
PH-1.68-4L	Volume: 4 L

pH 5	
Potassium acid phthalate and sodium hydroxide	
PH-5-250ML	Volume: 250 mL
PH-5-500ML	Volume: 500 mL
PH-5-1L	Volume: 1 L
PH-5-4L	Volume: 4 L

pH 2	
Potassium chloride and hydrochloric acid	
PH-2-250ML	Volume: 250 mL
PH-2-500ML	Volume: 500 mL
PH-2-1L	Volume: 1 L
PH-2-4L	Volume: 4 L
PH-2-10L	Volume: 10 L

pH 6	
Monobasic potassium phosphate and sodium hydroxide	
PH-6-250ML	Volume: 250 mL
PH-6-500ML	Volume: 500 mL
PH-6-1L	Volume: 1 L
PH-6-4L	Volume: 4 L
PH-6-10L	Volume: 10 L

pH 3	
Potassium acid phthalate and hydrochloric acid	
PH-3-250ML	Volume: 250 mL
PH-3-500ML	Volume: 500 mL
PH-3-1L	Volume: 1 L
PH-3-4L	Volume: 4 L
PH-3-10L	Volume: 10 L

pH 6.86	
Potassium phosphate and dibasic sodium phosphate	
PH-6.86-250ML	Volume: 250 mL
PH-6.86-500ML	Volume: 500 mL
PH-6.86-1L	Volume: 1 L
PH-6.86-4L	Volume: 4 L
PH-6.86-10L	Volume: 10 L

pH 4	
Potassium acid phthalate	
PH-4-250ML	Volume: 250 mL
PH-4-500ML	Volume: 500 mL
PH-4-1L	Volume: 1 L
PH-4-4L	Volume: 4 L
PH-4-10L	Volume: 10 L

pH 7	
Monobasic potassium phosphate and sodium hydroxide	
PH-7-250ML	Volume: 250 mL
PH-7-500ML	Volume: 500 mL
PH-7-1L	Volume: 1 L
PH-7-4L	Volume: 4 L
PH-7-10L	Volume: 10 L

pH 4 RED	
Potassium acid phthalate	
PHRED-4-250ML	Volume: 250 mL
PHRED-4-500ML	Volume: 500 mL
PHRED-4-1L	Volume: 1 L
PHRED-4-4L	Volume: 4 L
PHRED-4-10L	Volume: 10 L

pH 7 YELLOW	
Monobasic potassium phosphate and sodium hydroxide	
PHYELLOW-7-250ML	Volume: 250 mL
PHYELLOW-7-500ML	Volume: 500 mL
PHYELLOW-7-1L	Volume: 1 L
PHYELLOW-7-4L	Volume: 4 L
PHYELLOW-7-10L	Volume: 10 L

pH 8

pH 8	
Monobasic potassium phosphate and sodium hydroxide	
PH-8-250ML	Volume: 250 mL
PH-8-500ML	Volume: 500 mL
PH-8-1L	Volume: 1 L
PH-8-4L	Volume: 4 L
PH-8-10L	Volume: 10 L

pH 9

pH 9	
Boric acid, potassium chloride and sodium hydroxide	
PH-9-250ML	Volume: 250 mL
PH-9-500ML	Volume: 500 mL
PH-9-1L	Volume: 1 L
PH-9-4L	Volume: 4 L
PH-9-10L	Volume: 10 L

pH 9.18

pH 9.18	
Sodium borate decahydrate	
PH-9.18-250ML	Volume: 250 mL
PH-9.18-500ML	Volume: 500 mL
PH-9.18-1L	Volume: 1 L

pH 10

pH 10	
Sodium bicarbonate and sodium carbonate	
PH-10-250ML	Volume: 250 mL
PH-10-500ML	Volume: 500 mL
PH-10-1L	Volume: 1 L
PH-10-4L	Volume: 4 L
PH-10-10L	Volume: 10 L

pH 10 BLUE

pH 10 BLUE	
Sodium bicarbonate and sodium carbonate	
PHBLUE-10-250ML	Volume: 250 mL
PHBLUE-10-500ML	Volume: 500 mL
PHBLUE-10-1L	Volume: 1 L
PHBLUE-10-4L	Volume: 4 L
PHBLUE-10-10L	Volume: 10 L

pH 11

pH 11	
Dibasic sodium phosphate and sodium hydroxide	
PH-11-250ML	Volume: 250 mL
PH-11-500ML	Volume: 500 mL
PH-11-1L	Volume: 1 L
PH-11-4L	Volume: 4 L
PH-11-10L	Volume: 10 L

pH 12

pH 12	
Potassium chloride and sodium hydroxide	
PH-12-250ML	Volume: 250 mL
PH-12-500ML	Volume: 500 mL
PH-12-1L	Volume: 1 L
PH-12-4L	Volume: 4 L
PH-12-10L	Volume: 10 L

pH 12.47

pH 12.47	
Sodium hydroxide and potassium chloride	
PH-12.47-250ML	Volume: 250 mL
PH-12.47-500ML	Volume: 500 mL
PH-12.47-1L	Volume: 1 L

Cyanide Standards

Custom cyanide standards are available upon request.

1,000 ug/mL Total Cyanide

1,000 ug/mL Total Cyanide	
CN-1000-25-20ML	Volume: 20 mL Matrix: H ₂ O
Analyte	µg/mL
CN-	1,000



Leave buffer preparation
to the experts.

Your pH meter
will thank you.

pH BUFFERS SPECIALLY
FORMULATED FOR USP <791>

For analysts in the pharmaceutical industry tasked with maintaining proper pH meter calibration in accordance with USP <791>, Inorganic Ventures' CRMs deliver confidence, control, and support.

Our pH buffers are NIST-traceable and manufactured and tested under ISO 17034 and ISO 17025 guidelines. Each standard is accompanied by a detailed Certificate of Analysis (CoA), displaying certified values for multiple temperatures. In addition, these solutions are formulated to meet USP <791> specifications* and are ready to use right out of the bottle.

pH Buffer Features:

- **NIST-traceable standards, certified within 5% of the nominal values and associated uncertainties of no more than 0.05 pH units.**
- **Packaged in Transpiration Control Technology (TCT) which guarantees scientific integrity for 5-years from the date of manufacture.**
- **Ready to use with no preparation required.**

**WE OFFER A COMPLETE LINE OF PH CALIBRATION
STANDARDS, SUITABLE FOR CALIBRATION AS
SPECIFIED IN USP <791>.**

PRODUCT OFFERINGS

pH-1.68
pH-4.01
pH-6.86
pH-9.18
pH-10.01
pH-12.45*

**To ensure solution stability, pH 12.45 is formulated using KCl/NaOH.*



**Do you need a specific pH value not listed above
or require a specific formulation?**

We have the scientific expertise to refine formulations and address your specific needs. Simply contact IV for a custom quote or to learn about our complete line of pH buffer stock standards.



CERTIFICATE# 0883.02

Dissolution Reagents & Stabilizers

Dissolution Reagents are designed for the preparation and measurement of samples containing silica mixed with fluoride insoluble elements, including zeolites, alumina and/or silica based catalysts, sand, limestone, coal fly ash and talc.

These products permit the simple dissolution of silicates without additional equipment, and are designed for ICP measurement of Si and other elements using traditional glass-based sample introduction systems.

The following products are intended to be used together; UA-1 for sample dissolution and UNS-1 for neutralization and stabilization. Please see the article titled Elemental Analysis of Zeolites on our website for more information. Custom dissolution reagents for specific applications are available upon request, and please contact us for more information.

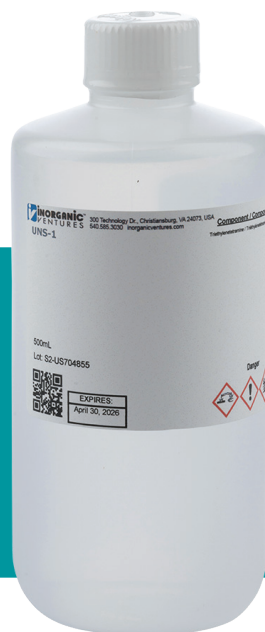
Acid Dissolution Reagent	
UA-1-500ML*	Volume: 500 mL
Recommended for the dissolution of aluminosilicates, such as zeolites.	

Stabilizing Reagent	
UNS-1-500ML*	Volume: 500 mL
Designed for use with UA-1.	

*UA-1-500ML and UNS-1-500ML are custom solutions, made to order with 10-day turnaround time. Please request a custom quote.

Don't see exactly what you're looking for?

Give us a call. Custom reference materials are our specialty.



These Certified Titrants are traceable to NIST and accredited to ISO 17034. Custom certified titrants are available upon request.

0.05M EDTA	
0.05M-EDTA-500ML	Matrix: H ₂ O Volume: 500 mL
0.05M EDTA, 500mL	

0.5M EDTA	
0.5M-EDTA-500ML	Matrix: H ₂ O Volume: 500 mL
0.5M EDTA, 500mL	

0.1M Hydrochloric Acid	
0.1M-HCL-500ML	Matrix: H ₂ O Volume: 500 mL
0.1M Hydrochloric Acid, 500mL	

1.0M Hydrochloric Acid	
1.0M-HCL-500ML	Matrix: H ₂ O Volume: 500 mL
1.0M Hydrochloric Acid, 500mL	

0.1M Nitric Acid	
0.1M-HNO3-500ML	Matrix: H ₂ O Volume: 500 mL
0.1M Nitric Acid, 500mL	

1.0M Nitric Acid	
1.0M-HNO3-500ML	Matrix: H ₂ O Volume: 500 mL
1.0M Nitric Acid, 500mL	

0.1M Perchloric Acid	
0.1M-HClO4-500ML	Matrix: H ₂ O/0.1M HClO ₄ in Glacial Acetic Acid Volume: 500 mL
0.1M Perchloric Acid, 500mL	

0.1N Silver Nitrate	
0.1N-AGNO3-500ML	Matrix: H ₂ O Volume: 500 mL
0.1N Silver Nitrate, 500mL	

0.1M Sodium Hydroxide	
0.1M-NAOH-500ML	Matrix: H ₂ O Volume: 500 mL
0.1M Sodium Hydroxide, 500mL	

0.1N Sodium Thiosulfate	
0.1N-NA2S2O3-500ML	Matrix: H ₂ O Volume: 500 mL
0.1N Sodium Thiosulfate 500 mL. Prepared and standardized according to USP specifications.	

1M Sodium Hydroxide	
1M-NAOH-500ML	Matrix: H ₂ O Volume: 500 mL
1M Sodium Hydroxide, 500mL	

Blank & Rinse Solutions

Blank & Rinse solutions are prepared using double-distilled reagents and 18 megohm ($M\Omega$) deionized water. They come packaged in ultra-clean LDPE bottles and are ready to use. Custom solutions are available upon request.

2% (v/v) Nitric Acid Rinse	
CLP-MS-RINSE Ultra Pure	Matrix: HNO_3 Dilution: Ready to Use
CLP-MS-RINSE-125ML	Volume: 125 mL
CLP-MS-RINSE-500ML	Volume: 500 mL

For use with ICP-MS. Designed for ILM05.2 and ILM05.3.

5% (v/v) Nitric Acid Blank	
IV-ACID-BLANK Ultra Pure	Matrix: HNO_3
IV-ACID-BLANK-500ML	Volume: 500 mL
IV-ACID-BLANK-1L	Volume: 1 L

Deionized Blank	
IV-DI-BLANK	Matrix: H_2O
IV-DI-BLANK-500ML	Volume: 500 mL
IV-DI-BLANK-1L	Volume: 1 L

Platinum Cobalt 500 CU APHA/Hazen Color Standard	
PT-CO	Matrix: HCl
PT-CO-500ML	Volume: 500 mL
Analyte	$\mu g/mL$
Pt	500
Co	250