



HPC
HPC Standards GmbH



HPC  **molecules**



Agilent

Channel
Partner

PRODUCT CATALOGUE – 2026

Analytical Reference Standards & Laboratory Solutions

Product Range

- GC Reference Standards • LCMS/UHPLC Solvents/Buffers/Acids • Microbiology
- Pesticide Reference Standards • Analytical Reference Standards • Pharmaceutical Impurities



Authorized distributor of



molecules
analytical lab solutions pvt ltd

Delivered across Delhi, Haryana, Uttar Pradesh, Rajasthan,
Punjab, Uttarakhand, Himachal Pradesh, J & K.*



Edition I . NCR / 2026-27

The HPC Standards GmbH is a manufacturer and distributor of high-purity analytical standards for residue analysis. Our ISO 9001 certified and according to ISO 17034 accredited company specializes in the manufacture of reference materials for pesticides, veterinary products as well as their metabolites and stable isotope-labelled derivatives. We are your competent partner in the fields of food - and environmental analysis.

*Specialized in supplying standards
of highest purity*



Product Groups

- Dyes
- Flame Retardants
- Food Related Chemicals
- LAS & Alkylbenzenes
- Mix kit
- Mixes
- Mycotoxins
- Odor Compounds
- PAH
- PCB
- Pesticides
- Pharmaceuticals, Veterinary Products
- Phyto Compounds
- Polymer Additives
- qNMR Standards
- QuEChERS
- Stable Isotope Labeled Compounds

✓ accredited
ISO 17034

✓ certified
ISO 9001

HPC Standards GmbH is specialized in manufacturing high-purity analytical standards as reference materials for food and environmental analysis as well as multi-step custom synthesis from milligram to gram scale

- Synthesis of pesticides and their metabolites
- Synthesis of impurities and degradation products
- Synthesis of stable isotope-labelled compounds (2H, 13C, 15N, 18O)

Our products are tested in line with international quality requirements and meet the highest industrial standards

Our customers benefit from our proactive support team assisting you all the way from identifying your target substance to on-time delivery and beyond

HPC Reference Materials:

Pesticide Standards
Pharmaceuticals/Veterinary Products
Isotope Labeled Standards
Metabolites
Food-related Chemicals
Polymer Additives
LAS & Alkylbenzenes



HPC

HPC Standards GmbH

HPC Standards GmbH, introduced a KITS for FSSAI complete Pesticide Standards



FSSAI MIXES

Concentration: 10.0 µg/ml

Item No.	Product
692308	FSSAI Mix 1 Solution
692387	FSSAI Mix 2 Solution
692309	FSSAI Mix 3 Solution
692388	FSSAI Mix 4 Solution
692310	FSSAI Mix 5 Solution
692628	FSSAI Mix 6 Solution
699466	FSSAI Mix 7 Solution



Accreditation



The Deutsche Akkreditierungsstelle attests with this Accreditation Certificate that the reference material producer

HPC Standards GmbH
Am Wieseneck 7, 04451 Borsdorf OT Cunnersdorf

meets the requirements according to **DIN EN ISO 17034:2017** for the conformity assessment activities listed in the annex to this certificate. This includes additional existing legal and normative requirements for the reference material producer, including those in relevant sectoral schemes, provided they are explicitly confirmed in the annex to this certificate.

The management system requirements of **DIN EN ISO 17034** are written in the language relevant to the operations of reference material producers and they conform to the principles of **DIN EN ISO 9001**.

This accreditation was issued in accordance with Art. 5 Para. 1 Sentence 2 of Regulation (EC) 765/2008, after an accreditation procedure was carried out in compliance with the minimum requirements of **DIN EN ISO/IEC 17011** and on the basis of a review and decision of the appointed accreditation committees.

This accreditation certificate only applies in connection with the notices of 07.10.2024 with accreditation number **D-RM-20844-01**. It consists of this cover sheet, the reverse side of the cover sheet and the following annex with a total of 3 pages.

Registration number of the accreditation certificate : **D-RM-20844-01-00**

Berlin, 07.10.2024

Dr. Olga Lettau
Head of Technical Unit

Translation issued:
07.11.2024

Dr. Olga Lettau
Head of Technical Unit

The certificate together with the annex reflects the status as indicated by the date of issue. The current status of any given scope of accreditation can be found in the directory of accredited bodies maintained by Deutsche Akkreditierungsstelle GmbH (www.dakks.de).

This document is a translation. The definitive version is the original German accreditation certificate.

Not valid without



XS BASIC

BUFFER SOLUTIONS IN SACHETS

WITH N.I.S.T. TRACEABILITY.

○ SINGLE BUFFER

Name	Description	p/n
pH 4.01 (25°C)	Pack of 20 sachets 25ml, red, with certificate of analysis	51102013
pH 7.00 (25°C)	Pack of 20 sachets 25ml, green, with certificate of analysis	51102023
pH 10.01 (25°C)	Pack of 20 sachets 25ml, with certificate of analysis	51102043
EC 1413 µS/cm (25°C)	Pack of 20 sachets 25ml, with certificate of analysis	51102053
EC 12880 µS/cm (25°C)	Pack of 20 sachets 25ml, with certificate of analysis	51102063
STORAGE	Pack of 20 sachets 10ml, pH/ORP Sensor Storage Solution	51102083
H2O	Pack of 20 sachets 25ml, Distilled water for sensor cleaning	51102093



PH BUFFERS

With N.I.S.T. traceability.

The Certificate is available our website: www.xsinstruments.com

● BOTTLE 500 ml with built-in calibration compartment

Name	Description	p/n
pH 4.01	±0.02/25°C-Red	51100133
pH 7.00	±0.02/25°C-Green	51100143
pH 9.00	±0.02/25°C-Blue	51100153
pH 9.21	±0.02/25°C-Blue	51100173
pH 10.01	±0.02/25°C-Uncoloured	51100163

CONDUCTIVITY STANDARD

With N.I.S.T. traceability.

The Certificate is available our website: www.xsinstruments.com

● BOTTLE 250 ml glass

Name	Description	p/n
1.3 µS/cm (25°C)	N.I.S.T. Accuracy ± 0.14S	51100133
5.0 µS/cm (25°C)	N.I.S.T. Accuracy ± 0.1µS	51100513

● BOTTLE 500 ml with built-in calibration compartment

Name	Description	p/n
84 µS/cm (25°C)	N.I.S.T. Accuracy ±1%	51100613
147 µS/cm (25°C)	N.I.S.T. Accuracy ±1%	51100623
1413 µS/cm (25°C)	1278 µS/cm (20°C) - N.I.S.T. Accuracy ±1%	51100633
12880 µS/cm (25°C)	11670 µS/cm (20°C) - N.I.S.T. Accuracy ±1%	51100643



HPC molecules

About Us

Molecules Analytical Lab Solutions Pvt Ltd proudly announces its collaboration with HPC Standards GmbH, a global leader in Certified Reference Materials (CRMs) and Analytical Reference Standards since 2011. Together, we are launching a premium range of High-Purity Solvents for ULCMS, HPLC, and GC applications.

Our solvents are engineered to deliver the lowest Noise-to-Signal Ratio in the industry, ensuring unparalleled accuracy and reliability for your analytical needs.

By combining our strengths, we aim to deliver enhanced solutions that drive efficiency, quality, and sustainability across industries. This partnership reflects our shared commitment to innovation and our dedication to meeting the evolving needs of our customers. Together, we're paving the way for impactful advancements in solvents and setting new standards in the industry. Stay tuned for updates as we continue to innovate and grow together!

Why Choose us ?



Our Customers



Name: Acetonitrile
Catalog No:

Grade: ULCMS
MOL-A0001.4000

Test Name

Limits

Description-clear colorless liquid free of suspended matter

Assay (by GC-FID)

Color

Fluorescence at emission maximum for Impurities at 250 nm

Fluorescence at emission maximum for Impurities at 254 nm

Fluorescence at emission maximum for Impurities at 365 nm

Fluorescence at emission maximum for Impurities at 450 nm

LC gradient elution suitability at 254 nm

LC gradient elution suitability at 210 nm

LC-MS Positive mode-(As Reserpine)

LC-MS Negative mode- (as Nitrophenol)

GC-ECD Responsive residue (Single peak)-
(as Heptachlorepoxide)

GC-FID Responsive residue (single peak)-
(as 2-Octanol)

Residue after evaporation

Titrate acid

Titrate base

Water- (by KF coulometry)

Optical absorbance at 190 nm

Optical absorbance at 193 nm

Optical absorbance at 195 nm

Optical absorbance at 200 nm

Optical absorbance at 210 nm

Optical absorbance at 220 nm

Optical absorbance at 230 nm

Optical absorbance at 235 nm

Optical absorbance at 250 nm

Optical absorbance at 400 nm

Aluminum

Barium

Cadmium

Calcium

Chromium

Cobalt

Copper

Iron

Lead

Magnesium

Manganese

Nickel

Potassium

Silver

Sodium

Tin

Zinc

Passes Test

Min 99.9 %

Max 10.0 APHA

Max 1 ppb

Max 1 ppb

Max 0.5 ppb

Max 1 ppb

Max 0.5 mAU

Max 1.0 mAU

Passes Test

Passes Test

Max 5.0 ppt

Max 5.0 ppt

Max 1.0 ppm

Max 0.0002 meq/g

Max 0.0001 meq/g

Max 0.001%

Max 1.00 AU

Max 0.122 AU

Max 0.05 AU

Max 0.04 AU

Max 0.02 AU

Max 0.01 AU

Max 0.005 AU

Max 0.005 AU

Max 0.005 AU

Max 500 ppb

Max 100 ppb

Max 500 ppb

Max 100 ppb

Max 20 ppb

Max 10 ppb

Max 20 ppb

Max 20 ppb

Max 100 ppb

Max 10 ppb

Max 20 ppb

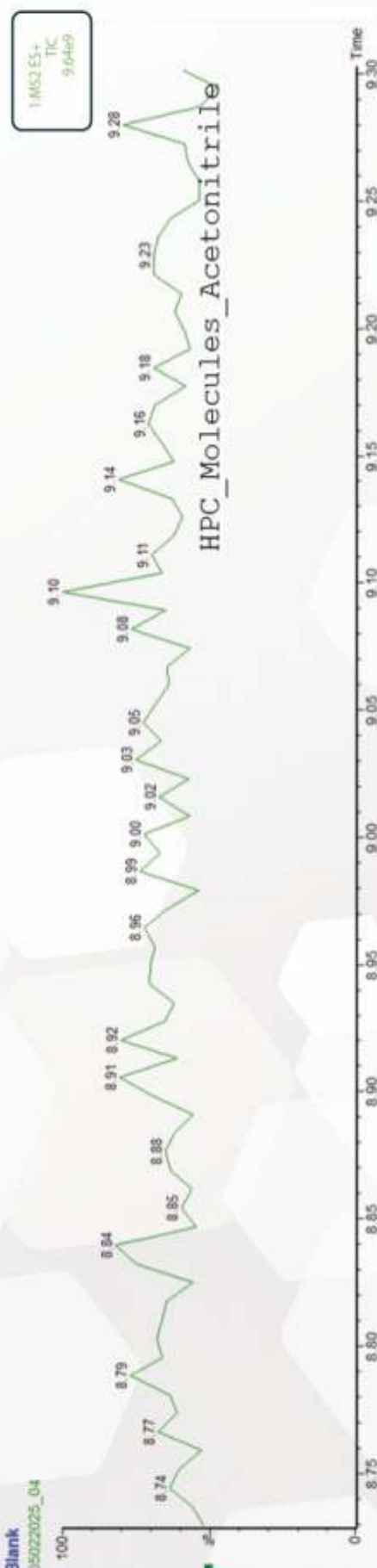
Max 100 ppb

Max 100 ppb

Max 100 ppb

Max 100 ppb

Max 100 ppb



Name: Methanol **Grade:** ULCMS
Catalog No: MOL-M0001.4000

Test Name

Assay (by GC-FID)
 Color
 Fluorescence at emission maximum for
 Impurities- (as Quinine sulfate)
 LC gradient elution suitability at 254 nm
 GC-ECD Responsive residue (single
 peak)-(as Heptachlorepoide)
 GC-FID Responsive residue (single peak)-
 (as 2-Octanol)
 Residue after evaporation
 Titrable acid
 Titrable base
 Water- (by KF coulometry)
 Optical absorbance at 205 nm
 Optical absorbance at 210 nm
 Optical absorbance at 220 nm
 Optical absorbance at 230 nm
 Optical absorbance at 240 nm
 Optical absorbance at 254 nm
 Optical absorbance at 280 nm
 Optical absorbance at 400 nm
 LC-MS Positive mode- (as Reserpine)
 LC-MS Negative mode- (As Nitrophenol)
 Aluminum
 Barium
 Cadmium
 Calcium
 Chromium
 Cobalt
 Copper
 Iron
 Lead
 Magnesium
 Manganese
 Nickel
 Potassium
 Silver
 Sodium
 Tin
 Zinc

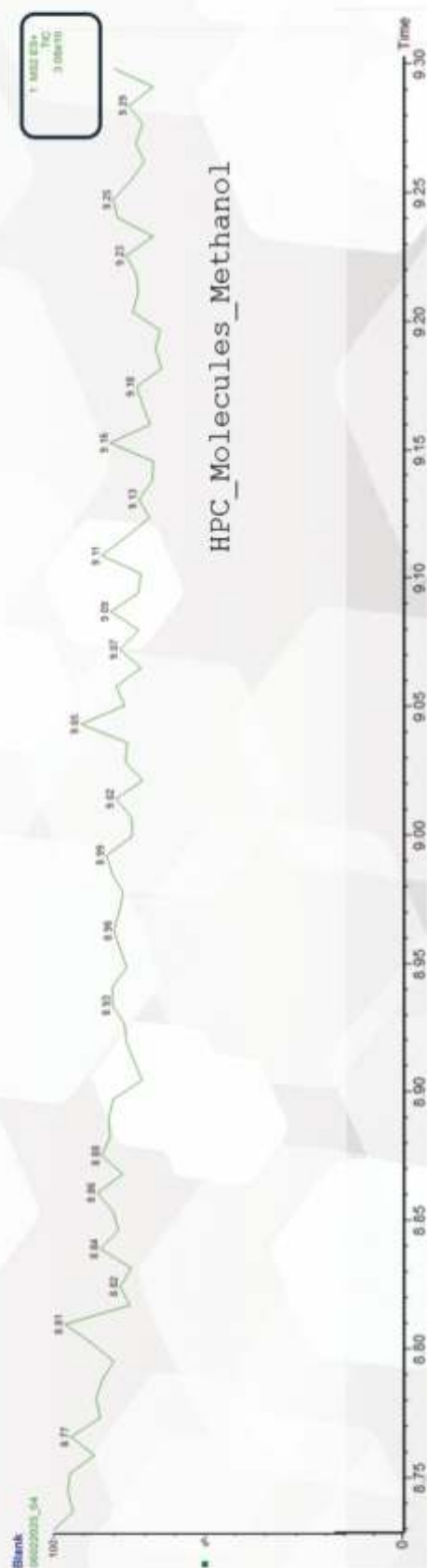
Limits

Min 99.9 %
 Max 10 APHA
 Max 1.0 ppb

 Max 2.0 mAU
 Max 5.0 ppt

 Max 5.0 ppb

 Max 1.0 ppm
 Max 0.0003 meq/g
 Max 0.0002 meq/g
 Max 0.02 %
 Max 1.00 AU
 Max 0.5 AU
 Max 0.25 AU
 Max 0.12 AU
 Max 0.05 AU
 Max 0.01 AU
 Max 0.005 AU
 Max 0.005 AU
 Max 50.0 ppb
 Max 50.0 ppb
 Max 500 ppb
 Max 100 ppb
 Max 500 ppb
 Max 100 ppb
 Max 20 ppb
 Max 20 ppb
 Max 10 ppb
 Max 100 ppb
 Max 20 ppb
 Max 100 ppb
 Max 10 ppb
 Max 20 ppb
 Max 100 ppb
 Max 100 ppb
 Max 100 ppb
 Max 100 ppb



Name: Water **Grade:** ULCMS
Catalog No: MOL-W0001.4000

Test Name	Limits
Description-clear colorless liquid free of suspended matter	Passes Test
Color (APHA Pt-Co)	Max 5 APHA
Residue after evaporation	Max 0.0001% w/w
Acidity (as Acetic acid)	Max 0.0002%
Alkalinity (as Ammonia)	Max 0.00005%
TOC	Max 10 ppb
UHPLC/MS ESI/APCI+ (as Reserpine)	Max 5 ppb
UHPLC/MS ESI/APCI- (as Reserpine)	Max 20 ppb
UV Absorbance. 200 (Vs. air)	Max 0.001 AU
UV Absorbance. 210 (Vs. air)	Max 0.001 AU
UV Absorbance. 230 (Vs. air)	Max 0.0005 AU
Grad. Elution H. Peak at 210 nm	Max 0.001 AU
Grad. Elution drift at 210 nm	Max 0.008 AU
Grad. Elution H. Peak at 254 nm	Max 0.0005 AU
Grad. Elution drift at 254 nm	Max 0.005 AU
Fluorescence 254nm (as Quinine)	Max 0.3 ppb
Fluorescence 365nm (as Quinine)	Max 0.3 ppb
Aluminum	Max 20 ppb
Barium	Max 20 ppb
Bismuth	Max 20 ppb
Calcium	Max 50 ppb
Cadmium	Max 30 ppb
Cobalt	Max 20 ppb
Chromium	Max 20 ppb
Iron	Max 30 ppb
Potassium	Max 50 ppb
Lithium	Max 30 ppb
Magnesium	Max 20 ppb
Manganese	Max 20 ppb
Molybdenum	Max 50 ppb
Sodium	Max 50 ppb
Nickel	Max 20 ppb
Lead	Max 20 ppb
Tin	Max 50 ppb
Silver	Max 50 ppb
Strontium	Max 30 ppb
Zinc	Max 50 ppb
Nitrate	Max 0.1 ppm

HPC-molecules GC-Ultra trace Solvents

For Analysis of – OVI /Residual Solvent Analysis

Our high purity solvents are suitable for all high sensitive instruments for Gas Chromatography applications GC-FID , GC-EDC and GC-MS to ensure exceptional low background and peak free baseline.

- Dioxins and Furans (PCDD/PCDF) in all food products.
- Polycyclic Aromatic Hydrocarbons (PAH) in oils
- Pesticide analysis in fruits and vegetables.
- Determination of drugs (cocaine, cannabis, ecstasy, heroine, alcohol)
- Analysis of phthalates

HPC  **molecules**

New Products

1L

NAME OF THE PRODUCT	GRADE	PACK SIZE
Tetra-hydrofuran (THF)	ULCMS	1L
Iso-Octane	GC-Ultra trace	1L
Toulene	GC-Ultra trace	1L
Dichloromethane	GC-Ultra trace	1L
n-Hexane	GC-Ultra trace	1L
Acetonitrile	GC-Ultra trace	1L
Chloroform	GC-Ultra trace	1L
Ethyl Acetate	GC-Ultra trace	1L

- Unmatched Purity & Consistency
- Extensive Portfolio of Solvents
- Low Background Interference
- Dedicated Technical Support
- Ready Stocks in India



molecules

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DELIVERING NICHEMISTRY



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nsi lab solutions

protect more. test more.

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Scan for more details

Sucrose

CRM Grade

Application : Used for polarimeter calibration
and as a primary standard in food
and pharmaceutical laboratories.

Traceable to: USP & NIST | Reference Material: 17f



Caffeine

CRM Grade

Application : Used for HPLC calibration in
pharmaceutical and beverage testing.
Ensures accuracy in purity profiling and
quality control.

Traceable to: USP & NIST



Scan for more details

CRM Grade

Chloromethane

2000 ug/mL in P&T Methane

Catalog Number : 43TP Pack Size : 4*1.5mL,
10*1.5ml

Chloroethane (Ethyl chloride)

2000 ug/mL in P&T Methane

Catalog Number : 15TP Pack Size : 4*1.5mL,
10*1.5ml



ISO 9001:2015 UL Registered Firm - Certificate # 10002343 QM15



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**Agilent**Channel
Partner

Single element standards for ICP-OES and ICP-MS

Agilent quality

- Manufactured in accordance with ISO Guide 34 and under our ISO 9001 registered quality system
- Analyte concentrations are verified by our ISO 17025 accredited laboratory
- Starting materials have a purity of 99.999% (ICP), wherever possible
- High-purity acids and ASTM Type I water (>18 M Ω)
- Traceable to NIST SRM, wherever possible
- Analyzed for trace metal impurities
- Confirmed against an independent second-source standard
- Packaged in an ISO Class 7 clean room

Agilent ISO Guide 34 RM for Single Element Solution Standards for ICP-OES/ICP-MS

Element	SRM NIST	Volume	Part No. 1,000 $\mu\text{g/mL}$	Part No. 10,000 $\mu\text{g/mL}$
Aluminum (Al) in dilute HNO ₃	3101	125 mL	ICP-013	ICP-113
		1 L	ICP-013-L	ICP-113-L
Antimony (Sb) in dilute HNO ₃ /trace tartaric	3102	125 mL	ICP-051	ICP-151
		1 L	ICP-051-L	ICP-151-L
Arsenic (As) in dilute HNO ₃	3103	125 mL	ICP-033	ICP-133
		1 L	ICP-033-L	ICP-133-L



Other Metal Standards

- | | | | | |
|---|---|--|--|---|
| 1 Barium (Ba) in dilute HNO ₃ | 2 Beryllium (Be) in dilute HNO ₃ | 3 Bismuth (Bi) in dilute HNO ₃ | 4 Boron (B) in H ₂ O/trace NH ₄ OH | 5 Cadmium (Cd) in dilute HNO ₃ |
| 6 Calcium (Ca) in dilute HNO ₃ | 7 Cerium (Ce) in dilute HNO ₃ | 8 Cesium (Cs) in dilute HNO ₃ | 9 Chromium (Cr) in dilute HNO ₃ | 10 Hexavalent chromium (Cr(VI)) in H ₂ O |
| 11 Cobalt (Co) in dilute HNO ₃ | 12 Copper (Cu) in dilute HNO ₃ | 13 Dysprosium (Dy) in dilute HNO ₃ | 14 Erbium (Er) in dilute HNO ₃ | 15 Europium (Eu) in dilute HNO ₃ |
| 16 Gadolinium (Gd) in dilute HNO ₃ | 17 Gallium (Ga) in dilute HNO ₃ | 18 Germanium (Ge) in H ₂ O/trace HF | 19 Gold (Au) in dilute HCl | 20 Hafnium (Hf) in dilute HCl |
| 21 Holmium (Ho) in dilute HNO ₃ | 22 Indium (In) in dilute HNO ₃ | 23 Iridium (Ir) in dilute HCl | 24 Iron (Fe) in dilute HNO ₃ | 25 Lanthanum (La) in dilute HNO ₃ |
| 26 Lead (Pb) in dilute HNO ₃ | 27 Lithium (Li) in dilute HNO ₃ | 28 Lutetium (Lu) in dilute HNO ₃ | 29 Magnesium (Mg) in dilute HNO ₃ | 30 Manganese (Mn) in dilute HNO ₃ |
| 31 Mercury (Hg) in dilute HNO ₃ | 32 Molybdenum (Mo) in H ₂ O/trace NH ₄ OH | 33 Neodymium (Nd) in dilute HNO ₃ | 34 Nickel (Ni) in dilute HNO ₃ | 35 Niobium (Nb) in H ₂ O/trace HF |
| 36 Palladium (Pd) in dilute HNO ₃ | 37 Phosphorus (P) in dilute HNO ₃ | 38 Platinum (Pt) in dilute HCl | 39 Potassium (K) in dilute HNO ₃ | 40 Rhodium (Rh) in dilute HCl |
| 41 Praseodymium (Pr) in dilute HNO ₃ | 42 Rhenium (Re) in H ₂ O | | | |

Anion and Cation CRM

Element	Volume	Part No. 1,000 $\mu\text{g/mL}$
Ammonium	125 ml	ICC-451
Bromide	125 ml	ICC-401
Chloride	125 ml	ICC-402
Fluoride	125 ml	ICC-403
Free cyanide	125 ml	ICC-408
Nitrate	125 ml	ICC-404
Phosphate	125 ml	ICC-405
Sulfate	125 ml	ICC-406

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Multi-Element Inorganic Standards

Agilent prepares hundreds of inorganic solutions that meet or exceed all testing requirements for use in EPA methods, the Contract Laboratory program, and ion chromatography methods.

Agilent quality

- Manufactured in accordance with ISO Guide 34 and under our ISO 9001 registered quality system
- Analyte concentrations are verified by our ISO 17025 accredited laboratory
- Starting materials have a purity of 99.999% (ICP) & 99.99% (AA), wherever possible
- High-purity acids and ASTM Type I water (>18 M Ω)
- Traceable to NIST SRM, wherever possible
- Analyzed for trace metal impurities
- Confirmed against an independent second-source standard

Inorganic quality control standards

- NIST traceable
- Agilent certificate of analysis
- Starting materials are 99.999% pure, wherever possible

Agilent ICP-OES/ICP-MS multi-element reference standards

ICP-OES Calibration Standard



Description	Analytes and Concentration				Total Vol.	Part No.
ICP-OES calibration standard (I) 19 analytes, in 5% HNO ₃	Aluminum (Al)	100 µg/mL	Indium (In)	200 µg/mL	125 mL	ICM-102
	Barium (Ba)	5 µg/mL	Iron (Fe)	15 µg/mL		
	Beryllium (Be)	1 µg/mL	Lead (Pb)	200 µg/mL		
	Bismuth (Bi)	200 µg/mL	Manganese (Mn)	5 µg/mL		
	Boron (B)	15 µg/mL	Nickel (Ni)	50 µg/mL		
	Cadmium (Cd)	20 µg/mL	Silver (Ag)	50 µg/mL		
	Chromium (Cr)	25 µg/mL	Strontium (Sr)	1 µg/mL		
	Cobalt (Co)	20 µg/mL	Thallium (Tl)	400 µg/mL		
	Copper (Cu)	20 µg/mL	Zinc (Zn)	20 µg/mL		
	Gallium (Ga)	150 µg/mL				
ICP-OES calibration standard (IV) 23 analytes, in 5% HNO ₃	Aluminum (Al)	1,000 µg/mL	Lead (Pb)	1,000 µg/mL	125 mL	ICM-103
	Barium (Ba)	1,000 µg/mL	Lithium (Li)	1,000 µg/mL		
	Bismuth (Bi)	1,000 µg/mL	Magnesium (Mg)	1,000 µg/mL		
	Boron (B)	1,000 µg/mL	Manganese (Mn)	1,000 µg/mL		
	Cadmium (Cd)	1,000 µg/mL	Nickel (Ni)	1,000 µg/mL		
	Calcium (Ca)	1,000 µg/mL	Potassium (K)	1,000 µg/mL		
	Chromium (Cr)	1,000 µg/mL	Silver (Ag)	1,000 µg/mL		
	Cobalt (Co)	1,000 µg/mL	Sodium (Na)	1,000 µg/mL		
	Copper (Cu)	1,000 µg/mL	Strontium (Sr)	1,000 µg/mL		
	Gallium (Ga)	1,000 µg/mL	Thallium (Tl)	1,000 µg/mL		
	Indium (In)	1,000 µg/mL	Zinc (Zn)	1,000 µg/mL		
	Iron (Fe)	1,000 µg/mL				
ICP-OES calibration standard (VIII) 24 analytes, in 5% HNO ₃ with trace HCl	Aluminum (Al)	100 µg/mL	Lead (Pb)	100 µg/mL	125 mL	ICM-101
	Barium (Ba)	100 µg/mL	Lithium (Li)	100 µg/mL		
	Beryllium (Be)	100 µg/mL	Magnesium (Mg)	1,000 µg/mL		
	Bismuth (Bi)	100 µg/mL	Manganese (Mn)	100 µg/mL		
	Boron (B)	100 µg/mL	Nickel (Ni)	100 µg/mL		
	Cadmium (Cd)	100 µg/mL	Potassium (K)	100 µg/mL		
	Calcium (Ca)	100 µg/mL	Selenium (Se)	100 µg/mL		
	Chromium (Cr)	100 µg/mL	Sodium (Na)	100 µg/mL		
	Cobalt (Co)	100 µg/mL	Strontium (Sr)	100 µg/mL		
	Copper (Cu)	100 µg/mL	Tellurium (Te)	100 µg/mL		
	Gallium (Ga)	100 µg/mL	Thallium (Tl)	100 µg/mL		
	Iron (Fe)	100 µg/mL	Zinc (Zn)	100 µg/mL		
ICP-OES calibration standard toxic elements (IX) 9 analytes, in 5% HNO ₃	Arsenic (As)	100 µg/mL	Mercury (Hg)	100 µg/mL	125 mL	ICM-105
	Beryllium (Be)	100 µg/mL	Nickel (Ni)	100 µg/mL		
	Cadmium (Cd)	100 µg/mL	Selenium (Se)	100 µg/mL		
	Chromium (VI) (Cr ⁶⁺)	100 µg/mL	Thallium (Tl)	100 µg/mL		
	Lead (Pb)	100 µg/mL				





molecules

analytical lab solutions pvt ltd

DELIVERING NICHEMISTRY

GC Reference Standard



100 ml

Biosolve secondary GC reference standards are traceable to the current lots of the United States Pharmacopeia (USP); or to European Pharmacopeia (EP) and British Pharmacopeia

CAT NO.	PRODUCT	CAT NO.	PRODUCT	CAT NO.	PRODUCT	CAT NO.	PRODUCT
0001037231 BS	Acetone	0004477231 BS	Dimethyl Sulfoxide	137984	Dichloromethane	010384	Acetone
0001207231 BS	Acetonitrile	0005407231 BS	Ethyl Acetate		(stab. Amylene)	012084	Acetonitrile
0002047231 BS	N-Butyl Acetate	0008077231 BS	N-Heptane	091584	Iso-Octane 99%	030884	Chloroform (stab./Amylene)
0002457231 BS	Iso Butyl Acetate	0008097231 BS	N-Hexane	171584	Petroleum ether 40-60°C	137984	Cyclohexane
0002097231 BS	Iso-Butanol	0009157231 BS	Iso Octane	201584	Toluene	138084	Dichloromethane (stab. Ethanol)
0002207231 BS	1-Butanol	0013687231 BS	Methanol	080584	n-Heptane	052684	Ethanol absolute (Dehydrated)
0002227231 BS	Tert Butanol	0013787231 BS	Methyl Iso Butyl Ketone	080784	n-Heptane 99%	054084	Ethyl acetate
0002247231 BS	Benzyl Alcohol	0013797231 BS	Dichloromethane	082984	n-Hexane	091484	Iso-Hexane
0003087231 BS	Chloroform	0013897331 BS	Methyl-Tert Butyl Ether	080984	n-Hexane 99%	136884	Methanol absolute
0003137231 BS	Cyclohexane	0016267231 BS	Isopropyl Alcohol	160584	n-Pentane	137684	Methyl isobutyl ketone
0004057231 BS	1,2-Dichloroethane	0016367231 BS	Propane-1-ol	167684	n-Pentane 99%	202284	Tetrahydrofuran (unstabilized)
0004197231 BS	Dimethyl Formamide	0016767231 BS	N-Pentane	048484	1,4-Dioxane (unstabilized)	022084	n-Butanol
0004207231 BS	N,N-Dimethyl Acetamide	0020157231 BS	Toluene	163684	1-Propanol	022284	tert-Butanol
0004247231 BS	1,4-Dioxane	0020637231 BS	Tetrahydrofuran	162684	2-Propanol	138984	tert-Butyl methyl ether
0004407231 BS	Diisopropyl Ether			172084	3-Methylpentane		

GC Headspace solvent

090775 - 1,3-Dimethyl-2-Imidazolidinone Headspace

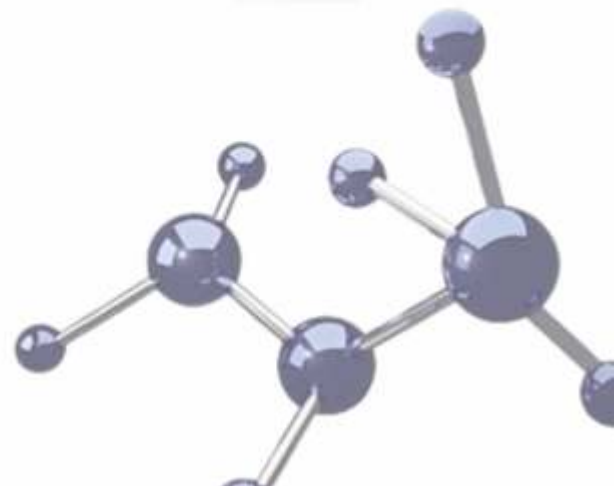
042075 - Dimethylsulfoxide Headspace

042075 - N,N-Dimethylacetamide Headspace

041975 - N,N-Dimethylformamide Headspace

135675 - N-Methyl-2-Pyrrolidone Headspace

000224 - Benzyl Alcohol Headspace



LVGC Solvents

This solvent range is suitable for ultimate organic trace analysis and is checked for ppt levels of Dioxins, Furans, PCBs, Pesticides, and ppb levels of Polycyclic Aromatic Hydrocarbons (PAHs), mineral oil hydrocarbons (MOSH/MOAH) in the range of C10 to C40, and other residual organic contaminants. Each batch is fully analyzed after 1000:1 concentration using HPLC-PDA, GC-FID, GC-ECD, and GC-MS.

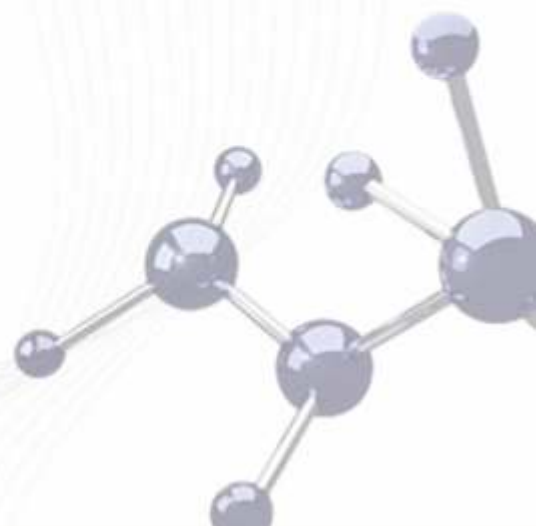
Biosolve LVGC Products



PRODUCT LIST

CAT NO.

Dichloromethane	0013798401BS
n-Heptane	0008078401BS
n-Hexane	0008098401BS
1,4-Dioxane	0004848401BS
2-Propanol	0016268401BS
Acetone	0001038401BS
Chloroform	0003088401BS
Cyclohexane	0003138401BS
Ethyl acetate	0005408401BS
Methanol absolute	0013688401BS
Tert-Butyl methylether	0013898401BS



LC-MS Buffers Product List



Ammonium Acetate ULC/MS - CC/SF

0001244156BS

50 g, 100 g



Ammonium Formate ULC/MS - CC/SF

0001984156BS

50 g, 100 g



Trifluoroacetic Acid ULC/MS - CC/SFC

0020234131BS

100 ml



Formic Acid 99% ULC/MS - CC/SFC

0006914144BS

25 ml, 100 ml, 500 ml



Acetic Acid Glacial ULC/MS - CC/SFC

25 ml, 100 ml, 500 ml

The ARMAR isotopes is a manufacturer And distributor of deuterated solvent and reagents for NMR Spectroscopy in Europe. Our products are produced in line with international quality requirements and meet the highest industrial standards.



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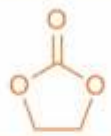
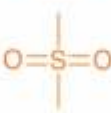
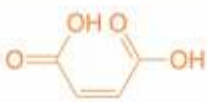
DELIVERING NICHEMISTRY

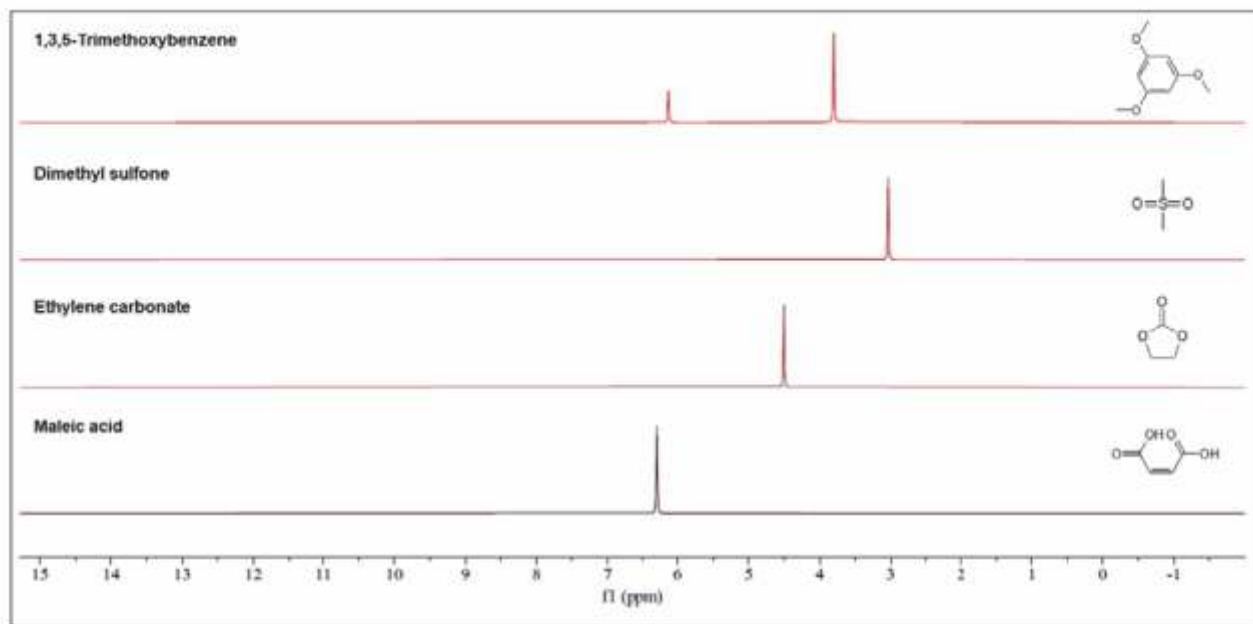
Name of the Product	Cat number	Purity	Pack Size in ml
Dimethylsulfoxide-d6	1088	99.5 atom%D	10, 25, 50, 100
Dimethylsulfoxide-d6	1089	99.8 atom%D	0.75, 10, 25, 50, 100
Dimethylsulfoxide-d6	1090	99.9 atom%D	0.5, 0.75, 10, 25, 50
Dimethylsulfoxide-d6	1091	100 atom%D	0.75, 10, 25
Methanol-d4	1121	99.8 atom%D	0.75, 10, 25, 50
Methanol-d4	1122	100 atom%D	0.75, 10
Acetonitrile-d3	1001	99 atom%D	10, 25, 50
Acetonitrile-d3	1024	99.5 atom%D	10, 25, 50
Acetonitrile-d3	1025	99.8 atom%D	0.75, 10, 25, 50
Acetonitrile-d3	1026	99.9 atom%D	0.75, 10
Chloroform-d	1054	99.8 atom%D	0.75
Chloroform-d stab. with Ag	1054	99.8 atom%D	25, 100, 500
Chloroform-d	1055	100 atom%D	0.75
Chloroform-d stab. with Ag	1055	100 atom%D	25, 100
Pyridine-d5	1144	99 atom%D	5, 10, 25, 50
Pyridine-d5	1145	99.5 atom%D	0.75, 10, 25, 50
Benzene-d6	1002	99 atom%D	0.75, 10, 25, 50, 100
Benzene-d6	1040	99.5 atom%D	0.75, 10, 25, 50, 100
Toluene-d8	1169	99 atom%D	10, 25, 50
Toluene-d8	1170	99.5 atom%D	0.75, 10, 25, 50



COMING SOON:

ISO 17034 qNMR STANDARDS CERTIFIED REFERENCE MATERIAL

	Item No.	Product	Amount	
	690321	1,3,5-Trimethoxybenzene	1x 1g	
	691573	Ethylene carbonate	1x1g	
	691165	Dimethyl sulfone	1x 1g	
	691772	Maleic acid	1x 1g	



CONTACT

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Features

- Formulated from analytical grade reagents
- Autoclavable
- Choice of two compositions: with or without potassium
- Available as convenient tablets or powder mix in pouches
- Ready to use in minutes

Applications

- Immunoassays
- Immuno-histochemical procedures
- Microbiological procedures
- Tissue and cell culture procedures
- Sample dilution

Shipping and storage

PBS buffer is shipped at room temperature. Store the tablets and pouches in a dry place at room temperature. Shelf life is three years. Medicago's ready-to-use PBS solution in bottles is stable for one year at +4°C.



Directions for use

- Empty one pouch or deposit one tablet in a laboratory flask or beaker placed on a magnetic stirrer. Add 50 ml to 500 ml of deionized water for pouches and tablets in the volume range 100 ml to 1000 ml and stir the solution for a few minutes. Adjust the water up to the given volume, stir until full dissolution and the buffer is ready to use.
- For larger quantities, 10 to 100 litres of buffer, use suitable equipment to stir and dissolve the buffer in compliance with the instructions above

Specifications

	PBS pH 7.4	PBS pH 7.2	PBS without Potassium
Chemicals	Analytical grade	Analytical grade	Analytical grade
Format	Exactly pre-weighed tablets/powder mix	Exactly pre-weighed tablets/powder mix	Exactly pre-weighed tablets
Composition	0.14 M NaCl 0.0027 M KCl 0.010 M PO_4^{3-}	0.14 M NaCl 0.0027 M KCl 0.010 M PO_4^{3-}	1. 0.14 M NaCl, 0.010 M PO_4^{3-} 2. 0.15 M NaCl, 0.020 M PO_4^{3-}
Volume	100 ml, 200 ml, 500 ml, 1000 ml, 10 l, 25 l, 50 l and 100 l	1000 ml	1000 ml
pH	7.4 $\pm$ 0.05 at 25°C	7.2 $\pm$ 0.05 at 25°C	7.4 $\pm$ 0.05 at 25°C
Shelf life	Three years after production date	Three years after production date	Three years after production date

Ordering information

Article no.	Product name	Pack size	Solution vol.
09-2051-100	PBS tablets pH 7.4	100 tablets	100 ml/tablet
09-2052-100	PBS tablets pH 7.4	100 tablets	200 ml/tablet
09-8912-100	PBS tablets pH 7.4	100 tablets	500 ml/tablet
09-8912-12	PBS tablets pH 7.4	12 tablets*	500 ml/tablet
09-9400-100	PBS tablets pH 7.4	100 tablets	1000 ml/tablet
09-9400-10	PBS tablets pH 7.4	10 tablets*	1000 ml/tablet
09-9499-100	PBS tablets pH 7.2	100 tablets	1000 ml/tablet
09-9499-10	PBS tablets pH 7.2	10 tablets*	1000 ml/tablet
12-9423-5	PBS 10x pouches pH 7.4	5 pouches	1000 ml/pouch
12-9424-1	PBS pouches pH 7.4	1 pouch	10 l/pouch
12-9422-1	PBS pouches pH 7.4	1 pouch	25 l/pouch
12-9425-1	PBS pouches pH 7.4	1 pouch	50 l/pouch
12-9426-1	PBS pouches pH 7.4	1 pouch	100 l/pouch
10-9402-10	PBS solution pH 7.4	10 bottles	1000 ml/bottle
09-9420-100	PBS without potassium pH 7.4	100 tablets	1000 ml/tablet
09-9420-10	PBS without potassium pH 7.4	10 tablets*	1000 ml/tablet
09-9500-100	PBS without potassium pH 7.4 high strength 0.020 M phosphate	100 tablets	1000 ml/tablet

v. 01-2019-06



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Reliable & Timely Delivery

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Cell Culture Reagents



Antibodies & ELISA Kits



Lab Instruments & Equipment



Plasticware & Consumables



Buffers, Media & Biochemicals



From sample to result – MTOR has the solution you need

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Advanced research and biotechnology applications.



Hospitals & Diagnostics

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Pharmaceutical

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Academic & Research Institutes

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Food & Beverage

Ensuring safety and quality through advanced testing.



Molecular Biology

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SUPPORT YOU CAN RELY ON



Product Selection Assistance

Helping you choose the right product for your research needs.



Training & Workshops

Hands-on training and workshops for better research outcomes.



Application Support

Expert guidance for applications and troubleshooting.



After Sales Support

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