



Search Results for "pfas"

Acetic Acid UpR

ultra pfas

RX016

100ml RX016S	(Acetic Acid glacial)	
500ml RX016P	CH ₃ COOH MW 60.05 FP 16.7°C BP 117.9°C d 1.05 CAS [64-19-7]	
Dgr H:226-314	Assay >99.8% Water <0.1% Residue <0.0001%	
P:280-301+330+331-305+351+338-307+310	UV: 252nm >10%; 260nm >50%; 270nm >80%; 280nm >95%; 300-400nm >99%	
	Fluorescence (0.1% aqueous, as quinine): 254nm <1 ppb; 365nm <1 ppb	
	Suitability for LC-MS passes test	
	Trace ionic impurities (0.1% aqueous):	
	Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each	
	Al, Ca <25 ppb each	
	Na <50 ppb	
	Suitability for PFAS analysis passes test	
	Application: Ultra low background additive for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1	



Acetonitrile UpS

ultra pfas

H052

1LT H052M	(Methyl Cyanide)	
2½LT H052L	CH ₃ CN MW 41.05 BP 81.6°C d 0.78 CAS [75-05-8]	
Dgr H:225-302+312+332-319	Assay >99.9% Water <0.005% Residue <0.0001%	
P:210-240-302+352-305+351+338-403+233	UV: 190nm >18%; 193nm >50%; 197nm >80%; 215nm >95%; 230-400nm >99%	
	Acidity <0.0005 meq/g	
	Alkalinity <0.00006 meq/g	
	Gradient Use Test: 205nm <0.002 AU; 254nm <0.0005 AU	
	Baseline drift <0.02 AU @ 205nm	
	Fluorescence (as quinine): 254nm <1 ppb; 365nm <1 ppb	
	Suitability for LC-MS passes test	
	Trace ionic impurities:	
	Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each	
	Al, Ca <25 ppb each	
	Na <50 ppb	
	Suitability for PFAS analysis passes test	
	Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1	



Ammonium Acetate UpR

ultra pfas

RX079

100g RX079S	CH ₃ COONH ₄ MW 77.08 d 0.70 CAS [631-61-8]	
500g RX079P	Assay >99%*	
	UV (0.1% aqueous): 210nm >10%; 220nm >50%; 230nm >80%; 235nm >95%; 245-400nm >99%	
	*on anhydrous substance	
	Fluorescence (0.1% aqueous, as quinine): 254nm <1 ppb; 365nm <1 ppb	
	Suitability for LC-MS passes test	
	Chloride <0.0005%	
	Sulphate <0.001%	
	Nitrate <0.001%	
	Trace ionic impurities (0.1% aqueous):	
	Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each	
	Al, Ca <25 ppb each	
	Na <50 ppb	
	Suitability for PFAS analysis passes test	
	Deliquescent, hygroscopic. Replace cap promptly after use.	
	Application: Ultra low background additive for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1	

Formic Acid UpR

ultra pfas

RX353

100ml RX353S
500ml RX353P
Dgr H:226-302-314-331-EU071
P:210-280f-301+330+331-305+351+338-310



HCOOH MW 46.03 FP 8.3°C BP 100.6°C d 1.22 CAS [64-18-6]
Assay >98% Residue <0.0001%
UV (0.1% aqueous): 225nm <20%; 235nm <50%; 240nm <80%; 250nm <95%; 260-400nm <99%
Fluorescence (0.1% aqueous, as quinine): 254nm <1 ppb; 365nm <1 ppb
Suitability for LC-MS passes test
Trace ionic impurities (0.1% aqueous):
Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each
Al, Ca <25 ppb each
Na <50 ppb
Suitability for PFAS analysis passes test
Application: Ultra low background additive for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1
Concentrated Formic Acid slowly decomposes to carbon monoxide and water and the pressure built up can cause an explosion of the sealed glass bottle.
As a safety measure we fit larger glass bottles with a closure featuring a venting valve. Bottles with a non-vented closure should have pressure released regularly.

LC Eluant mix AMAA1 UpS

acetonitrile/methanol 20:80 with ammonium acetate 10mM ultra pfas

R1967

1LT R1967M
2½LT R1967L
Dgr H:225-301+311+331-319-370
P:210-280f-302+352-305+351+338-308+311-403+233



3 components:
Acetonitrile (ROMIL H052) 20% v/v
Methanol (ROMIL H414) 80% v/v
containing
Ammonium Acetate (ROMIL HR079) 10 mM
Application: Ultra low background eluant for LC-MS analysis of poly- and per-fluoroalkyl substances

LC Eluant mix MAA1 UpS

methanol with ammonium acetate 5mM ultra pfas

R8056

1LT R8056M
2½LT R8056L
Dgr H:225-301+311+331-370
P:210-280f-302+352-309+310-403+235



2 components:
Methanol (ROMIL H414)
containing
Ammonium Acetate (ROMIL HR079) 5 mM
Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1

LC Eluant mix MAA2 UpS

methanol with ammonium acetate 2mM ultra pfas

R7945

1LT R7945M
2½LT R7945L
Dgr H:225-301+311+331-370
P:210-280f-302+352-309+310-403+235



2 components:
Methanol (ROMIL H414)
containing
Ammonium Acetate (ROMIL HR079) 2 mM
Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1

LC Eluant mix MWAA2 UpS

methanol/water 5:95 with ammonium acetate 2mM ultra pfas

R6705

1LT R6705M
2½LT R6705L
Dgr H:226-302+312+332-370
P:210-280f-302+352-308-311



3 components:
Methanol (ROMIL H414) 5% v/v
Water (ROMIL H952) 95% v/v
containing
Ammonium Acetate (ROMIL HR079) 2 mM
Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1

LC Eluant mix WAA2 UpS

water with ammonium acetate 5mM ultra pfas

R7363

1LT R7363M 2 components:
 2½LT R7363L Water (ROMIL H952)
 containing
 Ammonium Acetate (ROMIL HR079) 5 mM
 Application: Ultra low background eluant for LC-MS analysis of poly- and per-fluoroalkyl substances

LC Eluant mix WAA5 UpS

water with ammonium acetate 10mM ultra pfas

R8272

1LT R8272M 2 components:
 2½LT R8272L Water (ROMIL H952)
 containing
 Ammonium Acetate (ROMIL HR079) 10 mM
 Application: Ultra low background eluant for LC-MS analysis of poly- and per-fluoroalkyl substances

LC Eluant mix WAA6 UpS

water with ammonium acetate 1mM ultra pfas

R4142

1LT R4142M 2 components:
 2½LT R4142L Water (ROMIL H952)
 containing
 Ammonium Acetate (ROMIL HR079) 1 mM
 Application: Ultra low background eluant for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1

LC Wash solution AMA1 UpS

acetonitrile/methanol 50:50 with ammonia 0.05% ultra pfas

R3148

1LT R3148M 3 components:
 2½LT R3148L Acetonitrile (ROMIL H052) 50% v/v
 Dgr H:225-301+311+331-319-370 Methanol (ROMIL H414) 50% v/v
 P:210-280f-302+352-305+351+338-308+311-403+233 containing
 Ammonia (ROMIL HB059) 0.05%
 Application: Ultra low background wash solution for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1



Methanol UpS

ultra pfas

H414

1LT H414M (Methyl Alcohol)
 2½LT H414L CH₃OH MW 32.04 BP 64.5°C d 0.79 CAS [67-56-1]
 Dgr H:225-301+311+331-370 Assay >99.9% Water <0.02% Residue <0.0001%
 P:210-280f-302+352-309+310-403+235 UV: 205nm >10%; 210nm >50%; 225nm >80%; 240nm >95%; 265-400nm >99%
 Acidity <0.0003 meq/g
 Alkalinity <0.0002 meq/g
 Gradient Use Test: 230nm <0.002 AU; 254nm <0.002 AU
 Baseline drift <0.02 @ 230nm
 Fluorescence (as quinine): 254nm <1 ppb; 365nm <1 ppb
 Suitability for LC-MS passes test
 Trace ionic impurities:
 Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each
 Al, Ca <25 ppb each
 Na <50 ppb
 Suitability for PFAS analysis passes test
 Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1



Propan-2-ol UpS

ultra pfas

H627

1LT H627M
Dgr H:225-319-336
P:210-233-305+351+338



(iso-Propanol, iso-Propyl Alcohol)

(CH₃)₂CHOH MW 60.10 BP 82.2°C d 0.78 CAS [67-63-0]

Assay >99.9% Water <0.02% Residue <0.0001%

UV: 205nm >10%; 210nm >50%; 225nm >80%; 240nm >95%; 255-400nm >99%

Acidity <0.0002 meq/g

Alkalinity <0.0002 meq/g

Gradient Use Test: 254nm <0.005 AU

Fluorescence (as quinine): 254nm <1 ppb; 365nm <1 ppb

Suitability for LC-MS passes test

Trace ionic impurities:

Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each

Al, Ca <25 ppb each

Na <50 ppb

Suitability for PFAS analysis: passes test

Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1

Water UpS

ultra pfas

H952

1LT H952M
2½LT H952L

H₂O MW 18.02 FP 0.0°C BP 100.0°C d 1.00 CAS [7732-18-5]

Residue <0.00005%

Resistivity (at time of manufacture) >18 MOhm @ 25°C

pH (at time of manufacture) 5.5-8.0 @ 25°C

TOC (at time of manufacture) <10 ppb

Gradient Use Test: 205nm <0.002 AU; 254nm <0.0005 AU

Baseline drift <0.02 AU @ 205nm

Suitability for LC-MS passes test

Trace ionic impurities:

Ag, Cu, Fe, K, Mg, Mn, Ni, Pb, Zn <10 ppb each

Al, Ca <25 ppb each

Na <50 ppb

Suitability for PFAS analysis passes test

Filtered to 0.2 micron

Application: Ultra low background solvent for LC-MS analysis of poly- and per-fluoroalkyl substances, suitable for EPA Methods 533 and 537.1

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