Matheson Portables™

Calibration Products for Laboratory Analysis



Analytical data is only as good as the products and instruments used in the research. Gas management needs to be flawless when it comes to running gas chromatographs. Matheson is the specialty gas supplier that designs, engineers and manufactures both the specialty gas and gas delivery equipment critical to reliable operation of gas chromatographs. Our Calibration Products for Laboratory Analysis offer researchers and engineers portable solutions for GC support in the lab, plant or field.

How to find the Laboratory Analysis Calibration Products you need:

Our gas management products for GC work are offered as follows:

- Pure Gases
- Two Component Mixtures
- Multicomponent Mixtures

If you don't see your product listed, please call Matheson for more information!

Pure Gases

		MicroMAT™/MiniMAT™ Cylinders										
Product Description	Base Code	10	14	17	58	105	116	221	6R			
Air Ultra Zero Certified	GMT10002				TH	TG			6R			
Air Zero Gas	GMT10004	TK	TC		TH	TG		TD	6R			
Argon, Ultra High Purity	GMT10006	TK	TC		TH	TG		TD	6R			
n-Butane, CP	GMT10365		TC	ТВ								
Carbon Dioxide, Bone Dry	GMT10055	TK	TC		TH	TG		TD	6R			
Ethane, CP	GMT10424		TC	TB				6R				
Ethylene, CP	GMT10426		TC	TB				6R				
Helium, Ultra High Purity	GMT10009	TK	TC		TH	TG		TD	6R			
Hydrogen, Ultra High Purity	GMT10013		TC	TB				6R				
Isobutane, CP	GMT10427		TC	TB				6R				
Methane, Ultra High Purity	GMT10017		TC	TB				6R				
Nitrogen, Ultra High Purity	GMT10021		TC	TB	TH	TG		TD	6R			
Nitrogen Zero Gas	GMT10022	TK	TC		TH	TG		TD	6R			
Nitrous Oxide, CP	GMT10366		TC									
Oxygen Zero Gas	GMT10024		TC									
Propane, CP	GMT10367		TC	TB								
Propylene, CP	GMT10425		TC	ТВ								

∆WARNING: This product can expose you to chemicals including Nitrous Oxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ordering Information

When ordering, use base code plus cylinder designation suffix for the appropriate cylinder type. Ex: GMT10002TH is for Air Ultra Zero Certified in a MicroMAT™-58 Cylinder

Don't see a product or cylinder size you need, call us to quote!



Two Component Mixtures

	D 6 1	40				T™ Cylin		224		
Product Description	Base Code	10	14	17	58	105	116	221	6R	
Acetylene										
1 % Acetylene in Helium	GMT10303		TC		TH					
1 % Acetylene in Nitrogen	GMT10304		TC		TH					
Ammonia										
50 ppm Ammonia in Nitrogen	GMT10220				TH		TM		6R	
Benzene										
1 ppm Benzene in Air	GMT10307	TK	TC		TH	TG			6R	
10 ppm Benzene in Air	GMT10306	TK	TC		TH	TG			6R	
100 ppm Benzene in Air	GMT10305	TK	TC		TH	TG			6R	
1,3-Butadiene										
10 ppm 1,3-Butadiene in Nitrogen	GMT10241				TH				6R	
Carbon Dioxide										
100 ppm Carbon Dioxide in Helium	GMT10431	TK	TC		TH	TG			6R	
1000 ppm Carbon Dioxide in Helium	GMT10331	TK	TC		TH	TG			6R	
1 % Carbon Dioxide in Helium	GMT10308	TK	TC		TH	TG			6R	
10 % Carbon Dioxide in Helium	GMT10319	TK	TC		TH	TG			6R	
100 ppm Carbon Dioxide in Nitrogen	GMT10314	TK	TC		TH	TG			6R	
1000 ppm Carbon Dioxide in Nitrogen	GMT10313	TK	TC		TH	TG			6R	
1 % Carbon Dioxide in Nitrogen	GMT10309	TK	TC		TH	TG			6R	
Ethane										
1.5 % Ethane in Air	GMT10032	TK	TC	ТВ	TH	TG		TD	6R	
100 ppm Ethane in Helium	GMT10423	TK	TC	ТВ	TH	TG		TD	6R	
1000 ppm Ethane in Helium	GMT10422	TK	TC	ТВ	TH	TG		TD	6R	
1 % Ethane in Helium	GMT10421	TK	TC	ТВ	TH	TG		TD	6R	
Ethylene	0								- OII	
8-10 ppm Ethylene in Air	GMT10354	TK	TC	ТВ	TH	TG		TD	6R	
100 ppm Ethylene in Helium	GMT10325	TK	TC	ТВ	TH	TG		TD	6R	
1000 ppm Ethylene in Helium	GMT10333	TK	TC	ТВ	TH	TG		TD	6R	
8-10 ppm Ethylene in Nitrogen	GMT10333	TK	TC	TB	TH	TG		TD	6R	
1000 ppm Ethylene in Nitrogen	GMT10324	TK	TC	ТВ	TH	TG		TD	6R	
1 % Ethylene in Nitrogen	GMT10334	TK	TC	ТВ	TH	TG		TD	6R	
Hydrogen	GWITTOSTT	I IX	10	10	•••	10		10	OIL	
100 ppm Hydrogen in Helium	GMT10330		TC	ТВ	TH	TG		TD	6R	
100 ppm Hydrogen in Nitrogen	GMT10332	TK	TC	ТВ	TH	TG		TD	6R	
1000 ppm Hydrogen in Nitrogen	GMT10335	TK	TC	ТВ	TH	TG		TD	6R	
1 % Hydrogen in Nitrogen	GMT10333	TK	TC	TB	TH	TG		TD	6R	
Isobutane	GIVI 10326	IN	IC	ID	ІП	10		טו	ON	
	CNAT400AF	TI	TC		TII	TC		CD		
100 ppm Isobutane in Air	GMT10045	TK	TC		TH	TG		6R		
Methane	CN4T40024	TI	TC		TII	TC			CD	
10 ppm Methane in Air	GMT10034	TK	TC		TH	TG			6R	
100 ppm Methane in Air	GMT10035	TK	TC		TH	TG			6R	
100 ppm Methane in Helium	GMT10337	TK	TC		TH					
1000 ppm Methane in Helium	GMT10336	TK	TC		TH					
1 % Methane in Helium	GMT10312	TK	TC		TH					
10 % Methane in Helium	GMT10320	TK	TC							
100 ppm Methane in Nitrogen	GMT10341	TK	TC		TH					
1000 ppm Methane in Nitrogen	GMT10339	TK	TC		TH					
1 % Methane in Nitrogen	GMT10338	TK	TC		TH					
10 % Methane in Nitrogen	GMT10321	TK	TC							

Ordering Information





Two Component Mixtures (continued)

		MicroMAT™/MiniMAT™ Cylinders								
Product Description	Base Code	10	14	17	58	105	116	221	6R	
Nitrogen										
100 ppm Nitrogen in Helium	GMT10343	TK	TC		TH					
1000 ppm Nitrogen in Helium	GMT10340	TK	TC		TH					
1 % Nitrogen in Helium	GMT10315	TK	TC		TH					
Nitrous Oxide										
100 ppm Nitrous Oxide in Helium	GMT10345	TK	TC		TH					
1 % Nitrous Oxide in Helium	GMT10316	TK	TC		TH					
10 % Nitrous Oxide in Helium	GMT10323	TK	TC		TH					
0.1 ppm Nitrous Oxide in Nitrogen	GMT10302		TC		TH					
1 ppm Nitrous Oxide in Nitrogen	GMT10349	TK	TC		TH					
100 ppm Nitrous Oxide in Nitrogen	GMT10346	TK	TC		TH					
1000 ppm Nitrous Oxide in Nitrogen	GMT10342	TK	TC		TH					
Oxygen										
100 ppm Oxygen in Helium	GMT10353	TK	TC	ТВ	TH	TG		TD	6R	
1 % Oxygen in Helium	GMT10317	TK	TC	TB	TH	TG		TD	6R	
10 % Oxygen in Helium	GMT10324	TK	TC	TB	TH	TG		TD	6R	
100 ppm Oxygen in Nitrogen	GMT10347	TK	TC	TB	TH	TG		TD	6R	
1 % Oxygen in Nitrogen	GMT10318	TK	TC	TB	TH	TG		TD	6R	
2 % Oxygen in Nitrogen	GMT10356	TK	TC	ТВ	TH	TG		TD	6R	
6 % Oxygen in Nitrogen	GMT10357	TK	TC	ТВ	TH	TG		TD	6R	
10 % Oxygen in Nitrogen	GMT10326	TK	TC	ТВ	TH	TG		TD	6R	
19 % Oxygen in Nitrogen	GMT10042	TK	TC	ТВ	TH	TG		TD	6R	
1,1,1-Trichloroethane										
10 ppm 1,1,1-Trichloroethane in Nitrogen	GMT10301		TC		TH				6R	
Trichloroethylene										
10 ppm Trichloroethylene in Nitrogen	GMT10359		TC		TH				6R	
Vinyl Chloride										
1 ppm Vinyl Chloride in Nitrogen	GMT10363				TH				6R	
10 ppm Vinyl Chloride in Nitrogen	GMT10362				TH				6R	
50 ppm Vinyl Chloride in Nitrogen	GMT10364		TC		TH				6R	
100 ppm Vinyl Chloride in Nitrogen	GMT10360		TC		TH				6R	
1000 ppm Vinyl Chloride in Nitrogen	GMT10361		TC		TH				6R	

∆WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including Nitrous Oxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including Vinyl chloride, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including Trichloroethylene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including 1,1,2,2-Tetrachloroethane, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Ordering Information





Multicomponent Mixtures

BTEX Mixtures in Nitrogen Benzene, Ethyl Benzene, Toluene, Xylene 1 ppm BTEX Mixture GM' 100 ppm BTEX Mixture GM' 100 ppb BTEX Mixture GM' C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm GM' Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm GM' n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm GM' 2-Olefin Mixtures in Nitrogen cis-2-Butene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10231 T10417 T10232 T10412 T10415 T10416 T10351 T10414 T10358	10	TC TC TC	17	TH TH TH TH	105	116	221	6R 6R 6R 6R 6R
BTEX Mixtures in Nitrogen Benzene, Ethyl Benzene, Toluene, Xylene 1 ppm BTEX Mixture GM' 10 ppm BTEX Mixture GM' 100 ppb BTEX Mixture GM' C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm GM' Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm GM' n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm GM' 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10417 T10232 T10412 T10415 T10416 T10351 T10414		TC TC		TH TH TH TH				6R 6R 6R 6R
Benzene, Ethyl Benzene, Toluene, Xylene 1 ppm BTEX Mixture GM' 10 ppm BTEX Mixture GM' C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm GM' Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm GM' n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm GM' 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10417 T10232 T10412 T10415 T10416 T10351 T10414		TC TC		TH TH TH TH				6R 6R 6R 6R
1 ppm BTEX Mixture 10 ppm BTEX Mixture GM' 100 ppb BTEX Mixture GM' C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm GM' Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm GM' n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm GM' 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM'	T10417 T10232 T10412 T10415 T10416 T10351 T10414		TC TC		TH TH TH TH				6R 6R 6R 6R
10 ppm BTEX Mixture 100 ppb BTEX Mixture C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm GM' n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm GM' 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10232 T10412 T10415 T10416 T10351 T10414		TC TC		TH TH TH				6R 6R 6R
100 ppb BTEX Mixture C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, cis-2-Hexene, trans-2-Pentene, cis-2-Hexene, trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM C2 to C4 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C2 to C4 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C5 to C5 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10412 T10415 T10416 T10351 T10414		TC TC		TH TH				6R 6R 6R
C2 to C4 Alkyne in Nitrogen Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, cis-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C4 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C4 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C5 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10415 T10416 T10351 T10414		TC TC		TH TH				6R 6R
Acetylene, 1-Butyne, 2-Butyne, Propyne each at 15 ppm Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10415 T10416 T10351 T10414		TC TC		тн				6R 6R
each at 15 ppm Methane, Ethane, Ethylene, Acetylene, Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, cis-2-Hexene, trans-2-Pentene, cis-2-Hexene, trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10415 T10416 T10351 T10414		TC TC		тн				6R 6R
Propane, Propylene, Propyne, n-Butane in Nitrogen each at 15 ppm n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10416 T10351 T10414		TC TC		ТН				6R
in Nitrogen each at 15 ppm n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10416 T10351 T10414		TC TC		ТН				6R
n-Butane, Isobutane, cis-2-Butene, trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10416 T10351 T10414		TC TC		ТН				6R
trans-2-Butene, 1-Butene, Isobutylene, 1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM' C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10351 T10414		TC						
1,3-Butadiene, Ethyl Acetylene, in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm C₂ to C₀ Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' C₂ to C₀ Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₂ to C₀ Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10351 T10414		TC						
in Nitrogen each at 15 ppm 2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm C₂ to C₀ Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' C₂ to C₀ Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₂ to C₀ Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10351 T10414		TC						
2-Olefin Mixtures in Nitrogen cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10351 T10414		TC						
cis-2-Butene, trans-2-Butene, cis-2-Pentene trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm GM C2 to C3 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C2 to C3 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C1 to C3 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C3 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C4 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10414				ТН				6D
trans-2-Pentene, cis-2-Hexene, trans-2-Hexene each at 15 ppm C₂ to C₀ Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₂ to C₀ Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10414				TH				6 D
trans-2-Hexene each at 15 ppm C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10414				TH				60
C2 to C6 Olefin Mixtures in Helium Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10414				IH				60
Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,			TC						UN
1-Hexene, each at 100 ppm Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,			TC		1				
Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,			10		TH				6R
1-Hexene, each at 1000 ppm C₂ to C₀ Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM' Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C₁ to C₀ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10358		1		ΙП				UN
C2 to C6 Olefin Mixtures in Nitrogen Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm GM Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C1 to C6 n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	1 10336		TC		TH				6R
Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 100 ppm Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C: to Cs n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C: to Cs n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,			IC		IП				OK
1-Hexene, each at 100 ppm Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm GM' C: to Con-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' C: to Con-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,									
Ethylene, Propylene, 1-Butene, 1-Pentene, 1-Hexene, each at 1000 ppm Cı to Con-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Cı to Con-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T40443		TC		711				CD
1-Hexene, each at 1000 ppm Cı to Con-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM' Cı to Con-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	110413		TC		TH				6R
C ₁ to C ₆ n-Paraffins Mixtures in Helium Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM C ₁ to C ₆ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T40420		TC		711				CD
Methane, Ethane, Propane, Butane, Pentane, Hexane each at 100 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM Cı to Con-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10430		TC		TH				6R
Pentane, Hexane each at 100 ppm Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM Cı to Con-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,									
Methane, Ethane, Propane, Butane, Pentane, Hexane each at 1000 ppm GM Cı to Con-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10400		TC		TH				6R
Pentane, Hexane each at 1000 ppm C: to C: n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	1 10409		IC		ΙП				ON
C ₁ to C ₆ n-Paraffins Mixtures in Nitrogen Methane, Ethane, Propane, Butane,	T10/11		TC		TH				6R
Methane, Ethane, Propane, Butane,	110411		TC		IП				OK
*									
Pentane Heyane each at 15 hhm	T40400	TI	TC	TD	711	TC		TD	CD
	T10408	TK	TC	ТВ	TH	TG		TD	6R
Methane, Ethane, Propane, Butane,	T40440	TI	TC	TD	711	TC		TD	CD
***	T10410	TK	TC	ТВ	TH	TG		TD	6R
Methane, Ethane, Propane, Butane,	T40444	T1/	TC	TD	T 11	T C		TD	CD.
	T10411	TK	TC	ТВ	TH	TG		TD	6R
Branched Paraffins Mixtures in Nitrogen									
Isobutane, 2-Methylbutane,									
2,2-Dimethylpropane, 2-Methylpentane 3-Methylpentane, 2,2-Dimethylbutane									
, .	T10407		TC		TH				6 D
each at 15 ppm GM' Carbon Monoxide, Carbon Dioxide	110407		10		П				6R
in Nitrogen									
25 ppm Carbon Monoxide									
**	T400F3		TC		TH				6R
Carbon Monoxide, Carbon Dioxide,	1.1111112		10		111				υΛ
Methane, Ethane, Ethylene,	T10053								
Acetylene in Nitrogen	110053								
each at 1 % GM'	110053	II .	TC	ТВ	TH	TG		TD	6R

Ordering Information





Multicomponent Mixtures (continued)

	MicroMAT™/MiniMAT™ Cylinders									
Product Description	Base Code	10	14	17	58	105	116	221	6R	
Carbon Monoxide, Carbon Dioxide,	2000 0000								U.	
Methane, Hydrogen, Oxygen in Nitrogen,										
each at 1 %	GMT10403	TK	TC	ТВ	TH	TG		TD	6R	
Carbon Dioxide, Carbon Monoxide,									-	
Nitrogen, Oxygen, Methane, Hydrogen										
in Helium										
5 % Carbon Dioxide										
5 % Carbon Monoxide										
5 % Nitrogen										
4 % Oxygen										
4 % Methane										
4 % Hydrogen	GMT10404		TC	ТВ		TG			6R	
Carbon Dioxide, Carbon Monoxide,										
Oxygen in Nitrogen										
15 % Carbon Dioxide										
7 % Carbon Monoxide										
5 % Oxygen	GMT10348	TK	TC	TB	TH	TG		TD	6R	
Carbon Dioxide, Carbon Monoxide,										
Oxygen, Methane in Nitrogen										
15 % Carbon Dioxide										
7 % Carbon Monoxide										
5 % Oxygen										
4.5 % Methane	GMT10406	TK	TC	TB	TH	TG		TD	6R	
Carbon Dioxide, Carbon Monoxide,										
Oxygen, Hydrogen in Nitrogen,										
each at 0.5%	GMT10401	TK	TC	TB	TH	TG		TD	6R	
Carbon Dioxide, Carbon Monoxide,										
Oxygen, Hydrogen in Nitrogen										
0.5 % Carbon Dioxide										
0.5 % Carbon Monoxide										
0.5 % Oxygen										
5 % Hydrogen	GMT10428	TK	TC	TB	TH	TG		TD	6R	
Carbon Dioxide, Oxygen in Nitrogen										
1 % Carbon Dioxide										
1 % Oxygen	GMT10429	TK	TC	TB	TH	TG		TD	6R	
1 % Carbon Dioxide										
2 % Oxygen	GMT10420	TK	TC	TB	TH	TG		TD	6R	
2 % Carbon Dioxide										
24 % Oxygen	GMT10350	TK	TC	ТВ	TH	TG		TD	6R	
3 % Carbon Dioxide										
17 % Oxygen	GMT10352	TK	TC	ТВ	TH	TG		TD	6R	

∆WARNING: This product can expose you to chemicals including Benzene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including Ethylbenzene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including Toluene, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including 1,3-Butadiene, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

∆WARNING: This product can expose you to chemicals including Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Ordering Information

