

ANALYSIS TECHNIQUES

Gas Specific Analysis



Hygrometry

Recommended Gases	Measurement Range - gas phase sample (mole/mole)				
	%	<1000 ppm	<100 ppm	<10 ppm	<1 ppm
Scavenging and Calibration Gas Nitrogen	Alphagaz 1		Alphagaz 2		
Standard	Standard Mixtures				

Oxygen Analysis Paramagnetic Cell

Recommended Gases	Measurement Range - dissolved sample					
	g/l	0.1 g/l	0.01 g/l	10 mg/l	<1 mg/l	
		Measurement Range - gas-phase sample (mole/mole)				
		%	<1000 ppm	<100 ppm	<10 ppm	<1 ppm
Purge Nitrogen	Alphagaz 1					
Calibration Gas Nitrogen or Nitrogen and Air mix	Alphagaz 1 N ₂ / O ₂ 80/20					
Standard	Standard Mixtures					

Explosimeter, Toximeter

Recommended Gases	Measurement Range - gas phase sample (mole/mole)				
	%	<1000 ppm	<100 ppm	<10 ppm	<1 ppm
Calibration Gas Nitrogen or Air	Alphagaz 1				
Standard	Custom Mixtures Calgaz				

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Recommended Gases	Measurement Range - gas phase sample (mole/mole)				
	%	<1000 ppm	<100 ppm	<10 ppm	<1 ppm
Scavenging Nitrogen		Alphagaz 1	Alphagaz 2		
Other Controlled Humidity Mix		Standard Mixtures			