

A variety of propane and propylene reference materials are available. These reference materials are gravimetrically prepared and NIST traceable by weight with the gravimetric values verified by one or more analytical methods. The following reference materials are representative DCG product offerings. Contact customer service for assistance in determining the composition of a reference material that will meet your needs.

	C3 Standard	High Purity C3	MeOH/C3	P/P Std.	C3 w/ Olefins	C3 Rich Stream
Methane	0.050%	200 ppm		0.500%	0.010%	
Ethane	5.000%	200 ppm		0.500%	0.100%	
Ethylene		100 ppm		0.100%	0.050%	
Isobutane	1.200%	200 ppm		0.500%	0.500%	20.000%
n-Butane	1.200%	200 ppm		0.500%	0.200%	5.000%
Cyclopropane		1 ppm				0.050%
Acetylene		3 ppm				
Isobutylene		10 ppm		0.500%	0.500%	
Butene-1		10 ppm		0.500%	0.500%	8.000%
trans-2-Butene		10 ppm		0.500%	0.500%	15.000%
cis-2-Butene		10 ppm		0.500%	0.500%	10.000%
Isopentane	0.500%			0.100%		
n-Pentane	0.500%			0.100%		
2,2-Dimethylpropane						0.010%
3-Methyl-1-Butene		10 ppm				0.050%
2-Methyl-1-Butene						0.010%
2-Methyl-2-Butene						0.010%
2-Methyl-1,3-Butadiene						0.010%
1,2-Butadiene		10 ppm				0.500%
1,3-Butadiene		10 ppm		0.100%	0.300%	1.000%
Ethyl Acetylene		7 ppm				
2-Butyne		7 ppm				
Methyl Acetylene		7 ppm			0.100%	0.010%
Propadiene		5 ppm			0.050%	0.050%
Propane	90.550%	4000 ppm		30.000%	95.690%	30.100%
Propylene	1.000%	99.5000%	Balance	65.600%	1.000%	10.000%
Methanol			≥ 5 ppm			
n-Hexane						0.200%

For Sales Inquiries:

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Propane & Propylene Reference Materials

	E/P Std.	O2, N2, H2/C3	Low CO/CO2/C3
Nitrogen	0.100%		
Carbon Monoxide			≥ Low ppb
Carbon Dioxide	0.100%		≥ Low ppb
Methane	1.500%		
Ethane	78.900%		
Ethylene	0.100%		
Isobutane	0.200%		
n-Butane	0.100%		
Isopentane	0.050%		
n-Pentane	0.050%		
Propane	18.800%		
Propylene		Balance	Balance
Oxygen		5 ppm	
Nitrogen		5 ppm	
Hydrogen		5 ppm	

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