

A wide variety of butane 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 meets your needs.

	NC4 w/Olefins C4/C5 Std.	NC4 Product Std.	High Olefin C4 Std.	Mixed C4's w/Olefins	C4/C5 Std.
Methane					0.300%
Ethane				0.100%	0.500%
Ethylene					0.300%
Propane	1.500%	0.250%	0.250%	1.500%	0.500%
Propylene			0.100%	200 ppm	0.300%
Isobutane	1.960%	0.275%	57.450%		21.100%
n-Butane	94.000%	98.845%	25.000%	93.510%	10.000%
Butene-1	0.245%		5.000%	0.250%	11.000%
cis-2-Butene	0.245%		5.000%	0.500%	12.000%
trans-2-Butene	0.245%		5.000%	0.500%	14.000%
Isobutylene	0.245%		1.000%	0.750%	18.000%
1,3-Butadiene	0.010%		1.000%	200 ppm	1.000%
Isopentane	0.750%	0.375%	0.100%	1.000%	2.000%
n-Pentane	0.750%	0.120%	0.100%	1.500%	1.000%
2,2-Dimethylpropane				0.250%	
Pentene-1					2.000%
2-Methyl-1-Butene					0.750%
2-Methyl-2-Butene					1.250%
3-Methyl-1-Butene					1.000%
cis-2-Pentene					1.000%
trans-2-Pentene					1.000%
n-Hexane		0.135%			1.000%
Hexanes Plus	0.050%			0.100%	

For Sales Inquiries:

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	DeC4 Overhead	iC4/iC4 w/Olefins	iC4 w/Olefins
Methane		0.100%	
Ethane		0.200%	0.020%
Ethylene		0.050%	1.300%
Propane	0.500%	0.200%	0.020%
Propylene		0.050%	
Isobutane	56.000%	51.650%	96.840%
n-Butane	43.000%	1.000%	1.500%
Butene-1		0.500%	0.100%
cis-2-Butene		0.500%	0.020%
trans-2-Butene		0.500%	0.020%
Isobutylene		45.000%	0.100%
1,3-Butadiene		0.100%	0.020%
Isopentane	0.200%	0.050%	0.040%
n-Pentane		0.050%	0.020%
2,2-Dimethylpropane	0.300%	0.050%	

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