

# NATURAL GAS STANDARDS

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Red Ball TGS manufactures a variety of different natural gas/BTU standards for gas measurement.

All standards are NIST traceable by weight and analyzed prior to shipment, and we offer some of the fastest lead times in the industry. These products are offered in a variety of different low pressure cylinders including LP-5 and LP-239 cylinders.

\*Meets or exceeds requirements set forth in GPA 2172, 2261, 2286, 2177 and 2186



NAT-A (NATURAL GAS)		NAT-B (NATURAL GAS)		NAT-C (NATURAL GAS)	
COMPONENT	CONCENTRATION	COMPONENT	CONCENTRATION	COMPONENT	CONCENTRATION
Nitrogen	1.00%	Nitrogen	2.50%	Nitrogen	5.00%
Carbon Dioxide	0.50%	Carbon Dioxide	1.00%	Carbon Dioxide	1.50%
Ethane	2.00%	Ethane	5.00%	Ethane	9.00%
Propane	0.75%	Propane	3.00%	Propane	6.00%
Isobutane	0.30%	Isobutane	1.00%	Isobutane	3.00%
n-Butane	0.30%	n-Butane	1.00%	n-Butane	3.00%
Isopentane	0.15%	Isopentane	0.50%	Isopentane	1.00%
n-Pentane	0.15%	n-Pentane	0.50%	n-Pentane	1.00%
Hexanes + (C10 Extended)	0.10%	Hexanes + (C10 Extended)	0.25%	Hexanes + (C10 Extended)	0.50%
Methane	94.75%	Methane	85.25%	Methane	70.00%
Nominal BTU: 1317 BTU/scf		Nominal BTU: 1317 BTU/scf		Nominal BTU: 1317 BTU/scf	

NAT-D (SOUR NATURAL GAS)		DANALYZER BTU STANDARD PN#:123303		ABB BTU STANDARD PN:127842	
COMPONENT	CONCENTRATION	COMPONENT	CONCENTRATION	COMPONENT	CONCENTRATION
Hydrogen Sulfide	1.00%	Hexane	0.03%	Hexane	0.03%
Nitrogen	1.00%	Ethane	5.0%	Ethane	5.0%
Carbon Dioxide	0.50%	Propane	1.0%	Propane	1.0%
Ethane	2.00%	Carbon Dioxide	1.0%	Carbon Dioxide	1.0%
Propane	0.75%	n-Butane	0.3%	n-Butane	0.3%
Isobutane	0.30%	Isobutane	0.3%	Isobutane	0.3%
n-Butane	0.30%	n-Pentane	0.1%	n-Pentane	0.1%
Isopentane	0.15%	Isopentane	0.1%	Isopentane	0.1%
n-Pentane	0.15%	neo-Pentane	0.1%	neo-Pentane	0.1%
Hexanes + (C10 Extended)	0.10%	Nitrogen	2.5%	Nitrogen	2.5%
Methane	93.75%	Methane	Balance	Methane	Balance
Nominal BTU: 1317 BTU/scf		LP-239 Cylinder Nominal BTU: 1053 BTU/scf		LP-5 Cylinder Nominal BTU: 1053 BTU/scf	