

1,3-Butadiene (C₄H₆)

A colorless, flammable, liquefied gas with a mildly aromatic odor.

Product Specifications	Minimum Purity	Butadiene Dimer	Other C ₄ 's	H ₂ O	Sulfur
Instrument	99.5%	≤ 400	≤ 4000	≤ 5	≤ 1
Chemically Pure (CP)	99.0%				

Concentrations given are ppm by volume unless otherwise specified.

PRODUCT	Ordering Information					Equipment Recommendations		
	Cylinder Size	Contents lbs	Standard Valve Outlet (CGA)	Product Number	Cylinder Pressure at 70°F (psig)	Description Product Number	Delivery Pressure Range (psig)	Page Number
Instrument	350 LP5	129 25	510 510	B3 I350 B3 ILP5	21.4 21.4	Single-Stage Regulator Y11-LC241A510	0-25	E16
	Certificate of Conformance provided upon request.							
Chemically Pure (CP)	350 LP5	129 25	510 510	B3 CP350 B3 CPLP5	21.4 21.4	Single-Stage Regulator Y11-LC241A510	0-25	E16
	Certificate of Conformance available upon request.							

Technical Data & Shipping Information	
Molecular Weight	54.09
Specific Volume	7.15 cf/lb @70° F & 1 ATM
Flammability Limits in Air	2.0 - 12% in Air
U.S. DOT Name	Butadienes, Stabilized
ID Number	UN 1010
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	106-99-0

Airgas Quality Policy

The purpose of the Airgas Quality System is to continually improve our manufacturing and related processes to provide our customers with the highest product purity, consistency, and service.