

Ethane (C₂H₆)

A flammable, colorless liquefied gas.

Product Specifications	Minimum Purity	O ₂	H ₂ O	Other Hydrocarbons	CO/CO ₂	N ₂
Research Plus	99.999%	≤ 1	≤ 3	≤ 6	≤ 2	≤ 3
Research	99.99%	≤ 5	≤ 5	≤ 80	≤ 5	≤ 10
Technical	98.5%					

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
Research Plus	200	32	350	ET RP200	543	Y11-244 * 350	A = 0-25 B = 0-50 D = 0-100 F = 0-250	E11
	80	11	350	ET RP80	543			
Certificate of Analysis included.								
Research	200	32	350	ET R200	543	Two-Stage Regulator Y12-215 * 350		E9
	80	11	350	ET R80	543			
Certificate of Analysis included.								
Technical	300	40	350	ET T300	543	Single-Stage Regulator Y11-215 * 350		E8
	200	32	350	ET T200	543			
	80	11	350	ET T80	543			
Individual or Batch Certificate of Analysis available upon request.								

* Insert Delivery Pressure Range Code

Technical Data & Shipping Information	
Molecular Weight	30.0690
Specific Volume	12.86 cf/lb @70° F & 1 ATM
Flammability Limits in Air	3.0 - 12.5% in Air
U.S. DOT Name	Ethane
ID Number	UN 1035
U.S. DOT Hazard Class	2.1
U.S. DOT Label	Flammable Gas
CAS Registry	74-84-0

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.