

# Propane $C_3H_8$

## Technical Data

Molecular Weight	44.10
Boiling Point	- 43.7° F
Specific Volume	8.5 cf/lb
Critical Temperature	206.2° F
Critical Pressure	617.4 psia

## Safety Data

Flammable Limits	2.1-9.5% in Air
Toxicity	Simple asphyxiant
Compatibility	Noncorrosive

## Shipping Data

DOT Name	Propane
Hazard Class	2.1
ID No.	UN1978
DOT Label	Flammable Gas
CAS. No.	74-98-6

## Research

**Specifications:** Min. purity 99.99%

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW771R	LP5	20	109	510	Single-stage	Model 200	124
LW771L	LB	0.3	109	180	Lecture Bottle	Model 400	133

## Instrument

**Specifications:** Min. purity 99.5%

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW768A	1F	100	109	510	Single-stage	Model 200	124
LW769B	LP5	20	109	510			
LW770C	LP1	5	109	510			
LWPP37	LB	0.3	109	180	Lecture Bottle	Model 400	133
EX091	ExCaliber™	0.5	109	180	ExCaliber™ Support Equipment		103

## C.P.

**Specifications:** Min. purity 99.0%

Product Code	Cylinder Size	Contents lbs.	Pressure psig @ 70° F	Valve Outlet CGA	Recommended Pressure Regulator Type	Series	Page
LW766	1F	100	109	510	Single-stage	Model 200	124
LW766C	LP5	20	109	510			
LW769P	LP1	5	109	510			