



HYDROGEN BROMIDE

HBr

Odorless, toxic, corrosive, nonflammable, liquefied gas with a very irritating odor..

SHIPPING INFORMATION

D.O.T. Proper Shipping Name: Hydrogen Bromide, Anhydrous, Inhalation Hazard Zone C
I.D. Number: UN1048
Hazard Class: 2.3 (8)
Shipping Labels: Poison Gas, Inhalation Hazard (Corrosive)

TECHNICAL INFORMATION

Molecular Weight: 80.912
Specific Volume: 4.8 ft³/lb.
CAS Registry: 10035-10-6
Safety Data Sheet Reference: Hydrogen Bromide

PRODUCT GRADE SPECIFICATIONS

Grade Name	Grade	Minimum Purity	Grade Code	Catalog Number ¹	Maximum Impurity Specifications in PPM by volume (unless otherwise specified) ²					
					H2O	THC (as CH4)	CO	CO2	N2	O2
ULSI	5.0	99.999%	ULSI	SG HBRULSI-	4	1.5	0.5	3	3	1
Prepurified	2.8	99.8%	PP	SG HBRPP-	Total impurities < 0.2%					

Notes:

¹ Complete the catalog number by selecting cylinder size code using chart below.

² Specifications are typical results and are subject to change without notice.

CYLINDER INFORMATION

Cylinder Size	Cylinder Size Code	Volume ⁴ Lbs.	Pressure (PSIG)	Valve Connection ⁵	Gross Weight (lbs.)
High Pressure Steel Cylinders					
200 ³	K	130	320	CGA 330 / DISS634	281
Portable & Nonrefillable Steel Cylinders					
Lecture Bottle	LB180	1	320	180	5

Notes:

³ Only available in a special treated rental cylinder.

⁴ This product is sold by the cylinder. Fill volumes will vary depending on pressure setting and may vary slightly depending on the cylinder manufacturer's specifications.

⁵ Hastelloy

Equipment Recommendations

- Valve panels
- Regulators
- Gas Cabinet
- Flow control

Contact your WestAir representative about equipment recommendations for this product.