

Tritium Gas Standard



Cylinder Type	Lecture Bottle
Material of Construction	Steel
Dimensions	50mm diameter x 310mm long
Volume	0.4 Liters
Maximum Pressure	1800 psi
Carrier Gas	Nitrogen
Maximum Radioactivity	1 milli Curie
Valve Material	Brass
Connection Fitting	CGA-180

The lecture bottle is a secondary standard that is made by diluting gas from a primary standard with a tritium concentration traceable to NIST

Nominal available concentrations:

(Actual concentrations can vary +/-20% from the nominal value)

50 μ Ci per liter

20 μ Ci per liter

7 μ Ci per liter

Note: check for availability when ordering

Regulations require our customers to furnish a copy of their license for radioactive materials permitting them to possess H3 gas. Amount of radioactive material is an exempt quantity and shall not exceed 1 mCi .



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