

Helium-3 (³He)

氦-3气体是普通氦气的一种较轻的，无放射性的同位素，天然丰度是 1.38×10^{-6} 。它无色，无臭，无味，主要以气态的形式用于中子探测器，核磁共振示踪，光谱学，低温物理，激光，制冷，以及核聚变研究等。

PRODUCT DETAILS/PURITY SPECIFICATIONS	
Parameters	Reference Specifications
Helium-3, atomic fraction (%)	≥ 99.8
Helium-4, atomic fraction (%)	≤ 0.2
Total Helium (He-3 and He-4), volume fraction (%)	≥ 99.995
Nitrogen, volume fraction (%)	$\leq 6 \times 10^{-4}$
Hydrocarbons, volume fraction (%)	$\leq 6 \times 10^{-4}$
Hydrogen, volume fraction (%)	$\leq 6 \times 10^{-4}$
Oxygen and Argon in total, volume fraction (%)	$\leq 6 \times 10^{-4}$
Carbon Oxide, volume fraction (%)	$\leq 6 \times 10^{-4}$
Volumetric activity of Tritium, Bq/L (Ci/L)	$\leq 4.8 (1.3 \times 10^{-10})$
Tritium, atomic fraction (%)	$\leq 1 \times 10^{-11}$
Carbon Dioxide, volume fraction (%)	Not specified

