

GAS PRODUCTS FOR SPECIAL APPLICATIONS

STABLE ISOTOPES

Hong Kong Specialty Gases provides a wide range of stable isotopes. All products are better than 99% in chemical purity unless otherwise stated. Price for stable isotopes or isotopic mixtures will be quoted upon request.

Isotopic Noble Gases			
Isotope	Isotopic Enrichment	Isotope	Isotopic Enrichment
Helium 3	99.95 atom %	Krypton-84	90 atom %
Neon-20	99.95 atom %	Krypton-86	50 and 99 atom %
Neon-21	90 atom %	Xenon-124	50,99 and 99.9 atom %
Neon-22	70 and 99.9 atom %	Xenon-126	2 atom %
Argon-36	99.5 atom %	Xenon-128	25 atom %
Argon-38	95 atom %	Xenon-129	70 and 80 atom %
Argon-40	99.95 atom %	Xenon-131	80 atom %
Krypton-78	4-5,8,50,90 and 99 atom %	Xenon-132	60 atom %
Krypton-80	70 and 90 atom %	Xenon-134	50 and 60 atom %
Krypton-82	40,70,90 and 99 atom %	Xenon-136	80.90 and 99 atom %

Other Stable Isotopes			
Ammonia-d ₃	Carbon- ¹³ C Dioxide- ¹⁷ O ₂	Chloromethane- ¹³ C	Methane-d ₁
Ammonia- ¹⁵ N	Carbon- ¹³ C Dioxide- ¹⁸ O ₂	Deuterium	Methane-d ₂
Ammonia- ¹⁵ N, d ₃	Carbon- ¹² C Monoxide	Deuterium Bromide	Methane-d ₄
Carbon- ¹² C Dioxide	Carbon- ¹³ C Monoxide	Deuterium Chloride	Methane- ¹³ C
Carbon- ¹³ C Dioxide	Carbon Monoxide- ¹⁶ O	Deuterium Hydride	Nitric- ¹⁵ N Oxide
Carbon Dioxide- ¹⁶ O ₂	Carbon Monoxide- ¹⁸ O	Ethane-d ₁	Nitric- ¹⁵ N Oxide- ¹⁸ O ₂
Carbon Dioxide- ¹⁷ O ₂	Carbon- ¹² C Monoxide- ¹⁶ O	Ethane-1- ¹³ C	Nitrogen- ¹⁵ N ₂
Carbon Dioxide- ¹⁸ O ₂	Carbon- ¹² C Monoxide- ¹⁷ O	Ethane-1,2- ¹³ C ₂	Nitrogen- ¹⁵ N Dioxide
Carbon- ¹² C Dioxide- ¹⁶ O ₂	Carbon- ¹² C Monoxide- ¹⁸ O	Ethylene-1- ¹³ C	Nitrous- ¹⁵ N ₂ Oxide
Carbon- ¹² C Dioxide- ¹⁷ O ₂	Carbon- ¹³ C Monoxide- ¹⁶ O	Ethylene-1,2- ¹³ C ₂	Oxygen- ¹⁶ O ₂
Carbon- ¹² C Dioxide- ¹⁸ O ₂	Carbon- ¹³ C Monoxide- ¹⁷ O	Fluoromethane- ¹³ C	Oxygen- ¹⁷ O ₂
Carbon- ¹³ C Dioxide- ¹⁶ O ₂	Carbon- ¹³ C Monoxide- ¹⁸ O	Hydrogen Sulfide- ³⁴ S	Oxygen- ¹⁸ O ₂

Please contact Hong Kong Specialty Gases for your individual enrichment level(s), volume(s) and packaging requirement(s).