2. **Should I make my purchase order to ISOTEC™ or Sigma-Aldrich?**

ISOTEC™ is a member of the Sigma-Aldrich family. Customers are asked to make your actual purchase order out to Sigma-Aldrich. You should fax, e-mail, and/or phone in your order into the ISOTEC™ location.

- **By phone:** (937) 859-1808 US
  1-800-448-9760 International

- **By fax:** (937) 859-4878 Fax

- **Via e-mail:** Isosales@sial.com

3. **What is the difference between chemical purity and isotopic purity?**

Isotopic purity refers to Isotope enrichment at a specified position for a labeled compound. Suppose D-Glucose-1-$^{13}\text{C}$ has an isotopic purity of 99-atom %, this means 99% of position 1 carbon is $^{13}\text{C}$, and 1% of position 1 carbon is $^{12}\text{C}$. Typically, the percent is molar ratio. The rest of the carbons (position 2 to 6) are natural abundance carbons with 1% $^{13}\text{C}$ and 99% $^{12}\text{C}$.

Chemical purity refers to purity of the chemical product. A chemical of 99% chemical purity means a 1-gram product contains 0.99 gram of specified chemical and 0.01 g of impurities. Typically, the percent is a weight-to-weight ratio. All of our products are minimum 99% CP unless otherwise indicated.