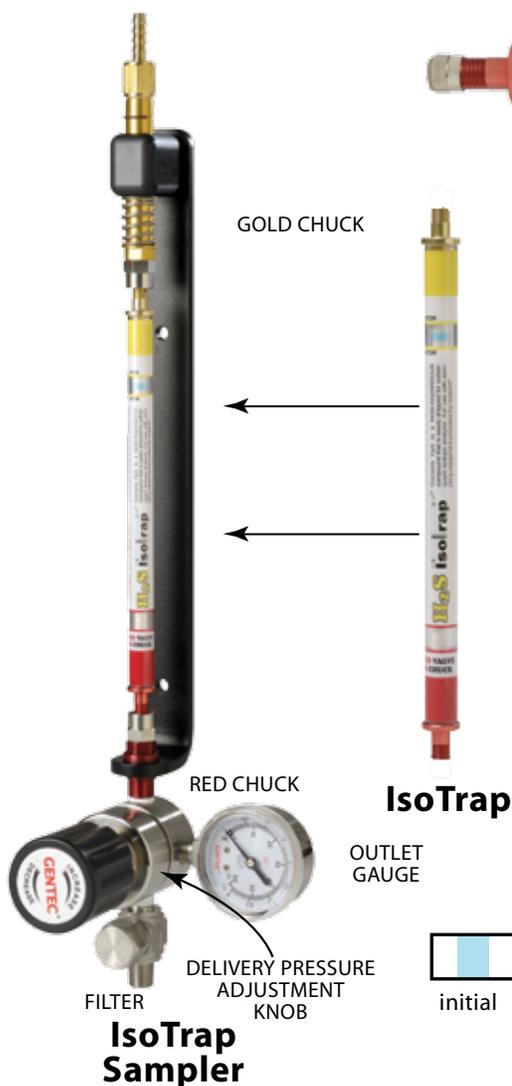


## From the developers of the IsoTube® The H<sub>2</sub>S IsoTrap®

*Converts hydrogen sulfide to a non-hazardous material for easy shipping and subsequent sulfur isotopic analysis!*



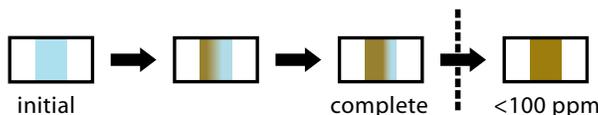
### What is it?

Increasingly, there is interest in identifying the source of H<sub>2</sub>S encountered in natural gas. The problem is that H<sub>2</sub>S cannot be shipped via air when at toxic concentrations. The IsoTrap eliminates the hazardous shipping concerns for H<sub>2</sub>S, because it converts it to a non-hazardous substance which can then be shipped by any means without the necessary training required to ship it as HAZMAT.

### Easy to use

The preferred method for collecting H<sub>2</sub>S with an IsoTrap is to use our IsoTrap Sampler. This device was specifically designed for collecting samples from pressurized sampling sources and helps to regulate pressure and control flow through the IsoTrap (max. inlet pressure: 3000 psig).

Simply insert the IsoTrap into the IsoTrap Sampler. The valves on the IsoTrap are color coded to match the chucks on the sampling devices to ensure that the sample flows in the proper direction (align the red valve with the red chuck, and the gold valve to the gold chuck).



| H <sub>2</sub> S Concentration | Required Volume |
|--------------------------------|-----------------|
| 5 ppm                          | 500 L           |
| 50 ppm                         | 50 L            |
| 500 ppm                        | 5 L             |
| 5000 ppm                       | 0.5 L           |
| 5%                             | 0.05 L          |

Flow until the indicator on the IsoTrap noticeably changes color.

Remove and return to Isotech for analysis. No HAZMAT shipping is required.

**For questions, please contact us at (877) 362-4190.**