

Ultraclean Acids

for EPA Method 1631



prepsmart

EPA Method 1631 requires that acids and reagents for low-level mercury analysis contain as little mercury as possible. This requires laboratories to buy expensive ultra pure acids and reagents. o2si is proud to introduce **prepsmart** for EPA Method 1631. Each lot of acid is analyzed by cold vapor atomic fluorescence spectrometry and is certified to contain less than 25 parts per trillion (ppt) mercury. **prepsmart** acids are available in 100 mL, 250 mL, 500 mL, and 1,000 mL sizes. With **prepsmart** acids, costs are reduced by as much as \$100 per liter. In addition, o2si has developed a 1 Normal bromate/bromide (BrO_3/Br) preservative solution. Each lot of **prepsmart** BrO_3/Br solution is analyzed and certified to contain less than 4 ppt mercury and is available in water or hydrochloric acid.

Provides Significant Cost Savings:

- Increases Productivity
- Certified to Contain Less Than 25 ppt Mercury
- Eliminates Dangers Caused by Mixing Hydrochloric Acid and Bromate
- Minimizes Contamination
- Includes Certificate of Analysis With Each Lot of Solution

o2si
smart solutions

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o2si is an ISO 9001 certified company.

