



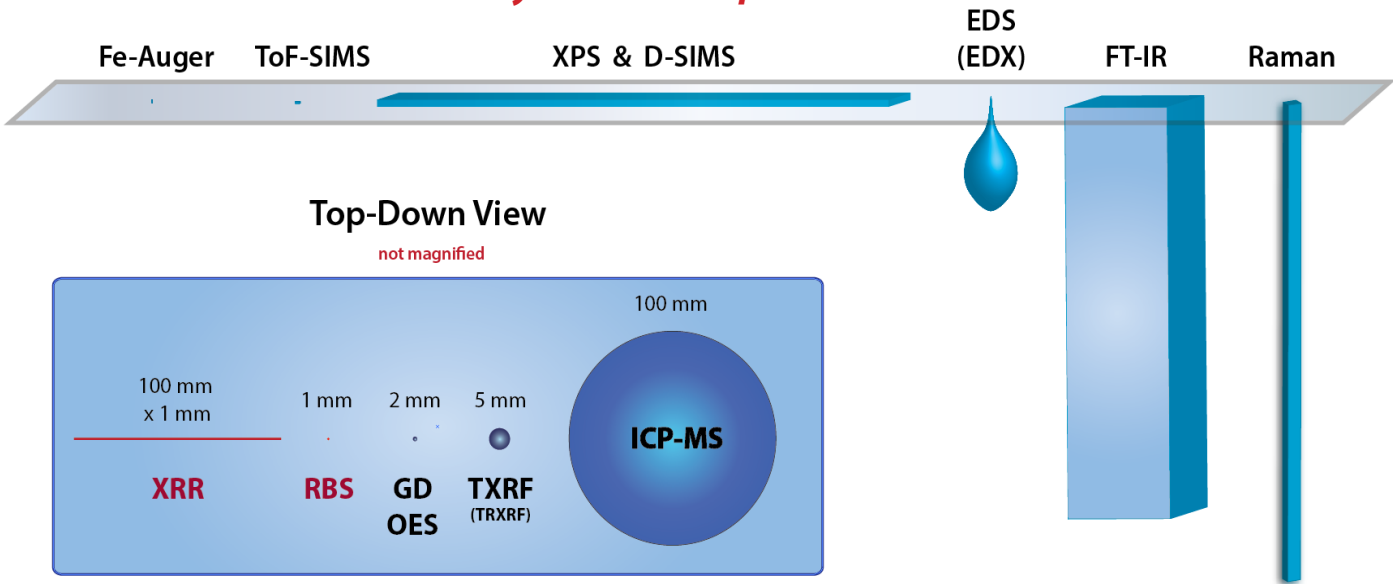
**NanoLab Delivers!**

**NANOLAB ADVANTAGES**

- State-of-the-Art Instrumentation
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- Reliability
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- Experienced Scientists & Engineers
- Turnaround Time

**3D Perspective Views of the Information Volume of 7 Different Chemical Analysis Techniques**

Website: [www.nanolab1.com](http://www.nanolab1.com)  
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**Smallest Analysis Beams**

**Detection Limits for Chemicals**

There are two basic levels for the detection limits of chemicals. The first limit is 0.1-1.0 atom% (~1000 ppm). The tools that provide this level of detection include FE-Auger, XPS, FT-IR, Raman, EDS (EDX), RBS and XRF.

The second detection limit ranges from ppm to ppt. The tools that provide this level of detection include TXRF, GD-OES, ICP-MS and D-SIMS.

