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Specializing in difficult matrices, such as air-sensitive compounds and samples of extremely limited volume.



Columbia Analytical offers micro-elemental testing services as well as a comprehensive range of cGMP-compliant testing to the pharmaceutical and nutraceutical industries. Our extensive experience with material suppliers, CMOs, and product developers/sponsors covers all stages of the product life cycle.

Our micro-elemental analyses (C, H, N, O, S, metals, and halogens) includes:

- CHN Combustion / TC and IR detection
- Sulfur – Combustion / IR Detection
- Oxygen – Pyrolysis / IR Detection
- Metals – ICP-OES, ICP-MS, and AAS
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- Nitrogen Transfers – Dry Box (monitored O₂ concentration < 15 ppm)
- LOD, LOI/ROI, and Dry Under Vacuum
- Halogens – Bomb and Oxygen Flask Combustion / Ion Chromatography
- Water by Karl Fischer Coulometric Titration

Same-day, next-day, 2-3 day, and 4-6 day rush services are available.

Contact our technical experts today!

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