

# Bioanalytical Services

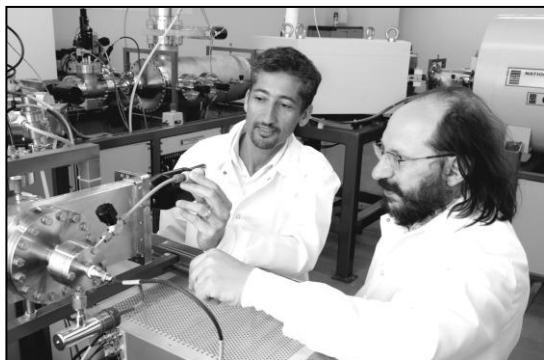
## Overview

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Accium's services are delivered through three tightly integrated functional units. The AMS Services Unit provides graphitization and AMS measurement of samples produced either by Accium's Bioanalytical Services Unit or samples submitted directly by customers. Please review the DirectAMS™ Program for additional details.

The AMS Services Unit provides high throughput, high capacity combustion and graphitization of plasma, whole blood, urine, processed feces, tissue homogenates and HPLC fractions followed by measurement of  $^{14}\text{C}$  by accelerator mass spectrometry. The Unit processes samples for Accium's Bioanalytical Services Unit as well as customers submitting samples through the DirectAMS™ Program.

The Quality Assurance Services Unit provides an independent quality audit of the activities of the AMS and Bioanalytical Service Units. The Unit provides quality management around training, documentation, chain-of-custody, calibration program, phase audits, process audits and archiving. Customers may request services under a non-GLP or GLP environment.



The Bioanalytical Services Unit provides front-end bioanalytical sample preparation services. Accium's experienced Study Directors develop customized protocols, perform procedures such as extraction, HPLC fractionation, dilution or pooling, fecal blending, tissue homogenization, DNA extraction or other procedures as requested by our customers. The samples are then submitted to the AMS Services Unit for graphitization and AMS measurement. The Study Director is responsible for data assembly and submission of the Bioanalytical Report.



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550 17th Avenue, Suite 550, Seattle, WA 98122 USA  
(206) 281-3915 info@acciumbio.com www.acciumbio.com

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