

Analyze the Composition of Materials Through the Use of Characterization Instruments (Abstract)

CRADA #621 (PNNL #73200, 73679)

February 2024

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Pacific Northwest National Laboratory
Richland, Washington 99354

Abstract

The purpose of this project is to conduct collaborative research involving the analysis of the composition of materials using characterization instruments. The materials will be synthesized in the Nuclear Chemistry Facility in Fulmer Hall and analyzed using instruments both at WSU and PNNL. This research requires the use of several characterization instruments, namely a Biotage SEL-2SW Flash Chromatograph, a Jasco UV-Visible Near-IR V-770 spectrometer, and a Jasco FT/IT-6700 Research Spectrometer, in the Nuclear Chemistry Facility of the WSU-PNNL Nuclear Science and Technology Institute (NSTI) in Fulmer Hall on the WSU Pullman campus.

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