

# Custom Services

LKT Laboratories offers custom synthesis and analysis that fit your needs. The LKT analytical team can offer custom analysis of your compounds using our extensive range of analytical equipment. Our experienced chemists can produce milligram to kilogram quantities of high purity products at competitive prices.

## Natural Product Isolations

LKT Laboratories can isolate your natural products using high performance counter current chromatography. This separation method has the advantage of nearly 100% sample recovery, no sample degradation, and full polarity coverage in one single run. Separation scales can range from a few milligrams to several grams.

## Custom Synthesis

LKT Laboratories is equipped to carry out multistep organic synthesis on a milligram to kilogram scale. We fully characterize compounds and have access to a wide variety of analytical instrumentation. Quality control is performed in-house using UHPLC, HPLC, LC/MS, GC, and NMR.

### We specialize in:

- Natural product isolation
- Product purification
- Total synthesis
- Natural product analog development



## Analytical Services

- UHPLC with PDA (UV-VIS) Detection
- HPLC with UV, ELSD, or Mass Spec Detection
- GC with FID
- UV Spectrophotometry
- NMR Spectroscopy
- Mass Spectroscopy

For more information on custom services or to receive a quote from LKT, please contact us:

Phone 651-644-8424

Email [getinfo@lktlabs.com](mailto:getinfo@lktlabs.com)

