

Team Approach
 Scientific Expertise
 Customer Focus



Mass Balance Study

NEED

- The client needed to rerun a mass balance study due to poor radioactivity recovery
- Root cause for poor recovery was undetermined

APPROACH

- Specialized adhesion testing for all collection materials performed prior to study start to ensure no loss of study drug on the containers; this led to using additive for all urine collections
- Dosing solution analysis completed immediately prior to dosing to ensure proper dose administered
- Dosing solution residual analysis completed after dosing to determine any remaining radioactivity that was then subtracted from administered dose
- Real time scintillation counting performed on site to allow for daily recovery results to be sent to the client for review to prevent premature release of participants

BENEFITS

- Radioactivity recovery was >95% and study was successfully submitted to the FDA

See Other Case Studies

[Bioanalytical Support of Oncology Studies](#)

[Standardizing Database Structure for Programs](#)

[IND Support for Asian Biotech](#)

