



"You have been extremely accommodating and prompt in delivery! We really appreciate your attention to our tight timelines, ..." - 02/19/2019

"Much appreciated for the great efforts from your team! Your timely updates on the challenges and progress of this project are greatly appreciated!" - 10/19/2018

We have now consolidated all our operations in the Austin, Texas area to:

16713 Picadilly Ct, Round Rock, TX 78664

It now houses all of our Manufacturing, Analytical, and Business operations.

We continue to provide customer centric R&D services including custom-synthesis of high purity analytical reference standards for stable-labeled API, metabolites and impurities completed in relatively short durations – a number of which had minimal or no literature precedent (i.e. no prior reported chemical synthesis).

For reference standards that cannot be isolated in free flowing powder form, we can provide them as solutions in flame sealed vial with accurate potency determined using "Quantitative Proton NMR".

For Quantitative Proton NMR analysis, we have made significant process improvements over the past year that enables us to accurately determine potency using only 1-3 mg of a compound in powder form. Furthermore, potency of solutions is determined with even high accuracy since the weight measurements are carried out as solution (~500 mg instead of ~1 mg). In fact all our single use solutions in sealed ampoules include potency values determined via our accurate Quantitative Proton NMR analysis.

Custom Synthesis of Ref Stds



With years of combined experience in varied chemical synthesis processes and isolation techniques, we have been able to synthesize and isolate compounds and metabolites at high purity, often in short time duration (typically less than 4 weeks). We find innovative ways to insert stable labels in the reference standards that we synthesize, even when others have struggled!

We are DEA licensed for manufacture of C-I through C-V compounds.

Analytical Services



Our standard GLP Certificate of Analysis includes (i) UV HPLC Purity assessment averaged over multiple absorbance wavelengths; (ii) LC-MS for confirmation of molecular weight; and (iii) Proton NMR analysis for molecular structure confirmation and residual protonated organic solvent determination. We also offer Quantitative proton NMR for potency value, KF titration for moisture content, Residue on Ignition for non-combustible inorganic salt content, Chiral HPLC and Optical Rotation analysis. ATR-FT-IR, GC-MS, and

DTA/TGA analysis capabilities are also available in-house.

Catalog of in-stock Ref Stds

We carry a number of Certified Analytical Reference Standards in-stock. Most of these are stable labeled and are accompanied by a comprehensive CoA that includes copies of the analytical data. We also offer 1 ml Analytical reference standard solutions in flame sealed ampoules.

[Chemtos on-line catalog](#)



Our web catalog on www.chemtos.com/xcart/ has a list of most of the reference standards that we have in-stock or can re-synthesize. Use of Search bar on top right is quite effective in finding compounds by name or CAS number or SMILES.

Please do not hesitate to contact us if we can be of any assistance in fulfilling your Certified Analytical Reference Standard or Compound Certification needs. We are at your service whenever you need us.

Sincerely,

Chemtos Team



To stop receiving such occasional communications, please advise by reply email.