

### Compound Recertification Service (GLP Certificate of Analysis - requires copy of previous CoA)

2-3 Business day services

GLP Recertification Service	Price	Minimum mg <sup>2</sup>	Proton NMR	Mass Spec	UV HPLC Purity	Proton qNMR	Karl Fischer	Optical Rotation
Std Recert	\$1,095	5 mg	✓	✓	✓			
qNMR Recert	\$1,295	10 mg		✓		✓		
Std Recert+qNMR	\$1,595	15 mg		✓	✓	✓		
UV HPLC purity	\$595	5 mg			✓			
1x qNMR	\$795	10 mg				✓		
2x qNMR	\$1295	15 mg				✓		
1x qNMR of solution	\$1,295	1 ml				✓		
1x KF Titration	\$325	10 mg					✓	
2x KF Titrations	\$495	15-20 mg					✓	
1x Optical Rotation	\$595	20-30 mg						✓

GLP recertification Add-on Services

<sup>13</sup> C on 500 NMR	Karl Fischer	Chiral HPLC	Optical Rotation	Elemental Analysis
+\$248	+\$298	Varies	+\$498	+\$398
+20 mg	+10-20 mg		+20 mg	+7 mg
	+\$398/2x runs			(outsourced)

Identification of unknown compounds and impurities is not included in any of these GLP analysis since multiple and additional analytical tools would be needed, level of effort required cannot be predicted and success cannot be guaranteed

### Individual Analytical Raw Data only Services (non-GLP - no data interpretation, raw data only)

**300 MHz NMR is Agilent with Four channel probe AND 500 MHz NMR is Bruker with BBI ATM probe**

Data only Service	Proton 300 NMR <sup>3</sup>	Proton 500 NMR <sup>3</sup>	<sup>1</sup> H COSY 1D add-on	<sup>13</sup> C 500 NMR	<sup>19</sup> F or <sup>31</sup> P 500 NMR	12 min UV-HPLC	12 min LC-MS
Same-Day <sup>1</sup>	\$149 5 mg	\$249 5 mg	+\$299 Data only	\$349 20-30 mg		\$499 2-5 mg	\$499 2-5 mg
2-3 Business Days	\$99 5 mg	\$149 5 mg	+\$199 Data only	\$299 20-30 mg	\$399 10+ mg	\$299 2-5 mg	\$299 2-5 mg

#### NMR Solvents

CDCl<sub>3</sub> (included)  
D<sub>2</sub>O (+\$5)  
Acetone-d<sub>6</sub> (+\$20)  
Methanol-d<sub>4</sub> (+\$8)  
Toluene-d<sub>8</sub> (+\$20)  
DMSO-d<sub>6</sub> (+\$8)  
CD<sub>3</sub>CN (+\$20)  
CD<sub>2</sub>Cl<sub>2</sub> (+\$20)

#### Data delivery via email

Raw fid in Zip file (included in std service)  
PDF of processed and printed data (+\$10)

UV-HPLC and LC-MS data acquired using our standard reverse phase setup with C18 column

#### Notes

<sup>1</sup> Compound must be received by 11 AM for same-day service.

<sup>2</sup> A special request is required for samples less than 5 mg.

<sup>3</sup> For same day service requests, attempts will be made to email data by 8 PM central time. Occasionally, sample queues are too long to complete all same-day analysis requests.

All prices are in US Dollars and subject to change.

NMR samples can be returned for \$50 plus actual shipping cost. Dry ice and speciality packaging extra.

Visit [www.chemtos.com](http://www.chemtos.com) to complete an Analytical Services Request Form

[Analysis Submission Form](#)

Ship samples for analysis to: Chemtos Analytical, 16713 Picadilly Ct, Round Rock, TX 78664-8544