

GC/MS: Instrument # \_\_\_\_\_

**GC/MS Daily Check and Maintenance Log**

Month/Year \_\_\_\_\_

	Date	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15
<b>Air &amp; Water</b>	<b>O<sub>2</sub>, N<sub>2</sub>, H<sub>2</sub>O</b> N <sub>2</sub> < 10%, O <sub>2</sub> < 10%, H <sub>2</sub> O < 20%															
<b>Tune</b>	<b>Mass assignments</b> m/z 69,219,502 ± 0.2															
	<b>Peak width range</b> 0.55 ± 0.1															
	<b>Relative Abundances</b> m/z 69 = 100% 219 >40% , 502 > 2%															
	<b>EM Voltage</b> (note value)															
<b>Daily Standard</b>	All target peaks present and non-target peaks at acceptable levels															
	<b>Retention time of CHEP</b> +/- 0.1min of previous run															
	<b>Ratio of CHEP to Heroin</b> not more than 20% drop w/ previous run															
	<b>Heroin Spectral match</b> ≥90% as compared to library															
<b>Checks</b>	Rinse vials cleaned/filled															
	Helium Pressure level (write in value)															
<b>Maintenance</b>	Liner changed															
	Septa changed															
	Column clipped (note approx. length clipped)															
	Other Maintenance See Notes															
<b>GC/MS acceptable for use</b> <b>Y/N Initial</b>																

**Notes:** \_\_\_\_\_  
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GC/MS: Instrument # \_\_\_\_\_

**GC/MS Daily Check and Maintenance Log**

Month/Year \_\_\_\_\_

	Date	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
<b>Air &amp; Water</b>	N2 < 10%, O2 < 10%, H2O < 20%																
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	<b>Peak width range</b> 0.55 ± 0.1																
	<b>Relative Abundances</b> m/z 69 = 100% 219 >40% , 502 > 2%																
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