

CLAP GCMS Parameters

RST Name: [Chemicals List for Analytical Performance \(CLAP\)](#)

Reference Number: **RST24MC05.01**

Date of Publication: **7/25/2024**

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Parameter	Value
GC Model	Agilent Technologies 6890N
MS Instrument	Agilent Technologies 5975B
GC Column	Agilent HP-5MS (30 m × 0.25 mm i.d., 0.25 μm)
	Agilent DB-5HT (30 m × 0.25 mm i.d., 0.1 μm)
Carrier gas	Helium (Purity 99.999%)
Injection mode	Splitless
Flow rate (mL /min)	1
Injection volume	1 μL
Transfer line temp (°C)	300 or 325
Inlet temperature	310 °C
Initial temperature (°C)	40
Final temperature (°C)	310 or 340
Ramping rate (°C/min)	7.5 or 15
Scan range (m/z)	35 to 650
Solvent delay (min)	2.5

Note: Methanol (mostly), acetonitrile, or hexane was used to prepare GCMS samples depending on the solvent compatibility. All samples were tested in triplicate.