



Methods and Materials

1. NO reactor was built using stainless steel pipes, connectors, valves, pressure gauges, and a reaction vessel.
2. A system leak test was conducted by pressurization with argon gas at reactor operating pressures.
3. A NO scrubber was added to trap all exhaust NO from reactor.
4. PDMS polymers impregnated with additives was synthesized and then charged by placing them into NO reactor vessel to facilitate conjugation of NO to